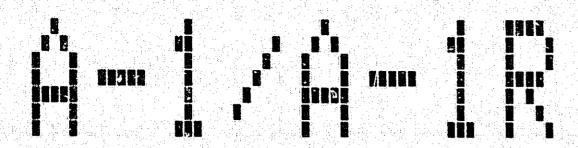
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	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	T	V	PAGE P G PTION *** DESCRIPTION *** DESCRIPTION ***	
A-1/A-1R	OPER & SERV MAN	APR65	00001-91323	MAY71	00001-91373		01	11		
IC-4A	OPER & SERV MAN MAN CHANGE MAN CHANGE B AC-4A/B MAN AC-4A/B MAN CHANGE	MAR62 MAR62 FEB60	5228-900 5228-900 5228-900 5228-900 5228-900	SEP71	5228-903		01	02	. 03	
AC-4B	OPER & SERV MAN MAN CHANGE MAN CHANGE B AC-4A/B MAN AC-4A/B MAN CHANGE	MAR62 MAR62 FEB60	5228-900 5228-900 5228-900 5228-900 5228-900	SEP71	5228-903		01	02	03	
AN/USM 140B	OPER & SERV MAN Man Change	The second secon	1708-901 1708-901	MAR71	1708-801		01	80	. 05	
AN/USM 141A	OPER & SERV MAN MAN CHANGE	The second second	1708-901 1708-901	MAR71	170B-801		01	80	. 05	
D-1B	OPER & SERV MAN	FEB65	00001-91316	MAY71	00001-91366		01	11		
) - 2	OPER & SERV NAN	FEB65	00001-91316	MAY71	00001-91366		01	11		
DTS-70	OPERATOR'S MAN PROG'S REF MAN REFERENCE MAN PROG'S REF MAN	MAR77 NOV76	09571-93003 09571-93005 09571-93015 09571-93020	APR77 FEB77	09571-93004 09571-93006 09571-93016* 09571-93021	8L	01 G1	09 09	01 03 01 USE FICHE 02100-90140 03 FOR SOFTWARE REC C & ABOVE	
ET19715	SERV MAN MAN CHANGE		64621-90902 64621-90902	MAY83	64621-90802	8L	01	D2	. 03	
F-1A SERIES	OPER & SERV MAN	APR65	00001-91318	MAY71	C0001-91368		01	11		
F-38	SERV NOTE SET BELOW F-38-1	MAR67	SER BELOW 64	MAY78		RFOR	MAN	ICE	WHEN REPLACING LINE FOLLOWER HEAD	
F-3B & F-3	OPER & SERV MAN	DEC68	00003-90000	0CT74	00003-90050		01	11	02	
FRIDEN SP-2	SERV NOTE SET BELOW SP2-1	ост67	WN LUBRICATION	MAY78 FOR FR		ORIZ	ED	TAF	IPE PUNCH	
GENERAL	SERV NOTE SET BELOW AUTOGRIP HP-IB-1 M19C M20E M-23B M-37 M-38 M39 M40 C-42A H-43A M-44	FEB66	WN ALL HP-IB CO RECOMMENDED RECOMMENDED CARINET TO F TRANSIENT-RE TROUBLESHOOT MAINTENANCE IDENT.PHOTOS TOOLS FOR 20	MPATIB REPL O PROCEDI ACK MOI SPONSE ING TI LOG FOI OF TE 120/302	F PRECISION P URES FOR COMP UNT CONVERSION TEST SET FOR PS FOR HP POW R DIGITAL TAP RMINAL POSTS, P/3030 TAPE UNTER ASSY ON 20	S.HP OTS ONEN N KI COM ER S E UN PIN NITS 20/3	T RISTA	EPL NT- LIE	INE NAME CHANGES PLACEMENT ON ETCHED CIRCUIT BOARDS -VOLTAGE, REGULATED DC POWER SUPPLIES LES ECTORS, STANDOFFS AND FEED THRUS ETC.	

10324A 10326A 10342C 10365A 10366A 10366B 10367A 10373A 10375A

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GENERAL	SERV NOTE SET BELOW		
	AUTOGRIP	FEB66	AUTOGRIP RETROFIT INST FOR OLDER X-Y RECORDERS
	HP-18-1	JAN76 WN	ALL HP-IB COMPATIBLE INSTRUMENTS. HP-IB LINE NAME CHANGES
	M19C		RECOMMENDED REPL OF PRECISION PORS
	M20E	MAR69	RECOMMENDED PROCEDURES FOR COMPONENT REPLACEMENT ON ETCHED CIRCUIT BOARDS
	M-238 M-37	AUG66	CABINET TO RACK MOUNT CONVERSION KIT
	M-37	JAN65	TRANSIENT-RESPONSE TEST SET FOR CONSTANT-VOLTAGE, REGULATED DC POWER SUPPLIES
	M-38	JUN73	TROUBLESHOOTING TIPS FOR HP POWER SUPPLIES
	M39	JUN67	MAINTENANCE LOG FOR DIGITAL TAPE UNIT
	MO		IDENT.PHOTOS OF TERMINAL POSTS, PIN CONNECTORS, STANDOFFS AND FEED THRUS ETC.
	F-42A	OCT68	TOOLS FOR 2020/3029/3030 TAPE UNITS
	H-43A	AUG69	REPL + ADJ HEAD GATE ASSY ON 2020/3030 TAPE UNITS
	M-44	FEB69	NEW PART NO'S. FOR ANALOG HEAD ASSY.
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1/08/85 MODEL	O LIYERATURE	PAGE 2 H/C PART FICHE FICHE PART M P D P
NUMBER	C	DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
GENERAL	4-45 9	SEP71 CLEANING & LUBING ROTARY SWITCHES
	N-47	JUN7O WN MAIN PWR WIRING FOR CABINET MODELS
	M-48A	MAR79 WN ALL SER.REV REC PROC FOR AUTOGRIP CLEANING
	H-49	OCT70 WN SERVO MOTOR REPAIR RECOMMENDATIONS
	H-50C	MAY73 TOUCH-UP PAINTS FOR COMPUTER PRODUCTS
병사 박 개발생		JAN73 TROUBLESHOCTING GROUND CURRENT SCURCE
	1. T. 6. 53	NGV73 TEST EQUIP FOR REAL TIME SCOPES
	M-54 M-55A	FEB74 REC CLEANING SOLVENTS FOR ALUM CAPS MAY76 WN ALL SERIALS.AUTOGRIP RETROFITTING + CLEANING PROCEDURE.SUPERS M50, M50A, M55
	X56A	JUN77 WN ALL PREFIXES. CONTRAST FILTER CROSS REF FOR 13XX CRT DISPLAY
	M57-S	JUL77 WA SAFETY. ELIM POT SAFETY HAZARDS FOR SANTA ROSA DIV SPECTRUM/NETWORK ANALYZERS,
	CONTD	SHEEP OSC TO THE REPORCE TO THE REPORT OF TH
	M-14S	SEP65 POLYSAND ABRASIVE FOR CLEANING MOSELY RECORDER SLIDEWIRES
	130	MAR65 CLEANING AUTOGRIP TABLES ON MOSELEYS
	135	MAY65 LUBING SLIDEWIRES ON MOSELEYS
	, de 1 38 160 5 5 5 5 5 5 5 5 5	JUL65 MOD TO ACCOMODATE CHARACTER PRINTER
	5083-1	FEB75 WO ALL RECT STORAGE CRTS.REMOVAL OF CHARGED PARTICLES
OMENIA AND THE RESERVE AND THE	5083-2	FEB75 WO EFFECT OF MAGNETIZATION
	M58-S M59-2-°	FEB78 WN SAFETY.ELIM OF FOT SAFETY HAZARD
	5083-	MAR81 WN SAFETY.PROD SFTY SERV NOTE INDEX APR78 WN REC USE OF BLACK TAPE ON CRT BASES TO PREVENT CRACKING
	508 3- 5	FEB79 WN ALL SER.REC REPL PROC FOR RECTANGULAR STORAGE CRT'S
	5083-6	MAR79 WN DO NOT REMOVE BLACK TAPE ON CRT BASES
	5083-7	MAR81 WN CRT PART NOS 5083-19XX,5083-25XX (EXCL 2511) 5083-37XX.INCR SCREEN UNIFORMITY FOR
化化化二甲基甲二甲甲基甲基甲基		- "LUNDAT MIT OUT LINE LINE TOOMS SANDAMED TO FOUND INVESTIGATION OF THE CONTRACTOR
	<u>이름이고요요</u>	CRT SERIALS 520637 & HIGHER
	50 83-8	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES
	5803-9	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES
	5803-9 5033-10	CRT SERIALS 520537 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO CONMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES
	5803-9 5033-10 5083-11	CRT SERIALS 520537 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL
	5803-9 5033-10 5083-11 CONT'D	CRT SERIALS 520537 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752
	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14	CRT SERIALS 520537 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO CONMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT
	5803-9 5033-10 5083-11 CONT'D 5083-12	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT
24	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT
	5803-9 5033-10 5083-11 cont'd 5083-12 5083-14 cont'd	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CAYHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070
528	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN	CRT SERIALS 520537 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02
328	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN OPER NOTE	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700a/B,1701a/B,1706a/B&1707a/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331a/C & 1208a/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712a,1720a,& 1720af INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01
62B	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN	CRT SERIALS 520537 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 O1 11 02
628 6347A-C02	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN OPER NOTE OPER NOTE MOD	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700a/B,1701a/B,1706a/B&1707a/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331a/C & 1208a/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712a,1720a,& 1720af INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347a-903 JAN78 00347-90012 8L 01 04 01 DEC71 347a-903
628 6347A-CO2	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002
62A 62B 6347A-C02	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN OPER NOTE OPER NOTE MOD	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700a/B,1701a/B,1706a/B&1707a/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331a/C & 1208a/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712a,1720a,& 1720af INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347a-903 JAN78 00347-90012 8L 01 04 01 DEC71 347a-903
628 6347A-CO2 6347A-CO3	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE	CRT SERIALS 520837 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700a/B,1701a/B,1706a/B&1707a/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331a/C & 1208a/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712a,1720a,& 1720af INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002
347A-C02 347A-C03	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER NOTE OPER SUIDE USERS GUIDE	CRT SERIALS 520837 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBES P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700a/B,1701a/B,1706a/B&1707a/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331a/C & 1208a/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710E,1712a,1720a, & 1720aF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 SEP74 59300-90001 0CT85 59300-90003 8L 01 02 02 FOR 9820A & 9821A CALCULATORS NOV74 59300-90002 0CT85 59300-90004 8L 01 02 02 FOR 9830A CALCULATORS
628 6347A-CO2 6347A-CO3	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER NOTE MOD USERS GUIDE	CRT SERIALS 520837 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN CROSS REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 SEP74 5930G-90001 0CT85 59300-90003 8L 01 02 02 FOR 9820A & 9821A CALCULATORS
62B 6347A-CO2 6347A-CO3 H P I E	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER SUIDE USERS GUIDE CONDENSED DESCRIPT	CRT SERIALS 520637 & HIGHER FEB84 MN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 MN CROSS REF OF AP CATHODE RAY TUBES NOV84 MN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 MN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JANS5 MN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 MN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710E,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 SEP74 5930G-90001 0CT85 59300-90004 8L 01 02 02 FOR 9820A & 9821A CALCULATORS NOV74 5930D-90002 OCT85 59300-90004 8L 01 02 01 MAR/S 59401-90030 OCT85 59401-90090 8L 01 02 01
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52B 5347A-CD2 6347A-CO3	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER SUIDE USERS GUIDE CONDENSED DESCRIPT	CRT SERIALS 520637 & HIGHER FEB84 MN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 MN CROSS REF OF AP CATHODE RAY TUBES NOV84 MN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 MN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JANS5 MN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 MN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 SEP74 5930G-90001 0CT85 59300-90003 8L 01 02 02 FOR 9820A & 9821A CALCULATORS NOV74 5930D-90002 OCT85 59300-90004 8L 01 02 02 FOR 9830A CALCULATOR MAR/S 59401-90030 OCT85 59401-90090 8L 01 02 01
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347A-C02 347A-C03 I P I E	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE OPER NOTE MOD USERS GUIDE USERS GUIDE CONDENSED DESCRIPT OPER & SERV MAN MAN CHANGE	CRT SERIALS 520337 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN GENES REF OF AP CATHODE RAY TUBE P/N TO COMMERCIAL TUBE TYPES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710E,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 SEP74 59300-90001 0CT85 59300-90003 8L 01 02 02 FOR 9820A & 9821A CALCULATORS NOV74 59300-90002 OCT85 59300-90004 8L 01 02 02 FOR 9830A CALCULATOR MAR75 59401-90030 OCT85 59401-90090 8L 01 02 01 JUL83 04276-90200 JAN84 04376-90250 8L 01 33 01
52B 5347A-CO2 5347A-CO3	5803-9 5033-10 5083-11 CONT'D 5083-12 5083-14 CONT'D OPER & SERV MAN OPER NOTE OPER NOTE OPER NOTE OPER NOTE MOD USERS GUIDE USERS GUIDE CONDENSED DESCRIPT OPER & SERV MAN MAN CHANGE OPER NOTE	CRT SERIALS 520637 & HIGHER FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES FEB84 WN GEN END OF SUPPORT FOR CATHODE RAY TUBES NOV84 WN END SUPPORT FOR SELECTED CATHODE RAY TUBES NOV84 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1700A/B,1701A/B,1706A/B&1707A/B INSTR, ALL OPT P/N 5083-2752 JAN85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1331A/C & 1208A/B INSTR, ALL OPT APR85 WN END SUPPORT FOR CATHODE RAY TUBES USED IN 1710B,1712A,1720A,& 1720AF INSTR, ALL OPT P/N 5083-4052 & 5083-4070 MAY68 00002-90002 APR74 00002-90052 01 11 02 MAY68 00002-90002 APR74 00002-90052 01 11 02 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01 SEP74 59300-90001 0CT85 59300-90003 8L 01 02 02 FOR 9820A & 9821A CALCULATORS NOV74 59300-90002 0CT85 59300-90004 8L 01 02 02 FOR 9830A CALCULATOR NOV74 59300-90002 JAN84 04376-90250 8L 01 33 01 JUL83 04276-90200 JAN84 04376-90250 8L 01 33 01 DEC71 347A-903 JAN78 00347-90012 8L 01 04 01

10404A 10405A 10407A 10407B 10408.3 1U409A 10410A 10411A 10412A 10421A 10451A 10477A 10478A 10479A 10479B 10480A 10480B 10487A 10488A 10490A 10491A 10494A 10495A

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11/08/85 MODEL NUMBER

HPIE	USERS GUIDE USERS GUIDE CONDENSED DESCRIPT	SEP74 59300-90001 NOV74 59300-90002 MAR75 59401-90030	0CT85 59300-90003 8L 01 02 02 FOR 9820A & 9821A CALCULATORS 0CT85 59300-90004 8L 01 02 02 FOR 9830A CALCULATOR 0CT85 59401-90090 8L 01 02 01
H05-4276A	OPER & SERV MAN MAN CHANGE	JUL83 04276-90200 0CT83 04276-90200	JAN84 04376-90250 8L 01 33 01
H347A-CO2	OPER NOTE OPER NOTE MOD	DEC71 347A-903 DEC71 347A-903	JAN78 00347-90012 8L 01 04 01
H347A-C03	OPER NOTE	DEC71 347A-903	JAN78 00347-90612 8L 01 04 01
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11/08/85 Model Number	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE)N ***	NUMBER	L	Ţ	٧	
H347A-C03	OPER	NOTE MOD	DEC71	347A-903	JAN78	00347-90012	8L	01	04	01
KS-19353 L4		& SERV MAN Change		00236-90003 00236-90003	JUN75	00236-90053		01	09	01
KS-19763L1A		& SERV MAN Change		00193-90905 00193-90905	MAY71	00193-90805		01	80	03
ks-19977L-1	OPER SERV Man		SEP67	05247-9003 05247-9005 05247-9005		05247-9014 05247-9015			02 02	
KS-20548 L1	SERV MAN	MAN Change		03701-95001 03701-95001	DEC75	03701-95026	8 L	01	14	03
KS-20548 L2		MAN VOL I CHANGE		03702-95003 03702-95003	JUN75	03702-95028		01	14	
	SERV	MAN VOL II Change	FEB71	03702-95003 03703-95001 03703-95001	MAY74	03703-95026		01	14	02
K\$-20626	MAN	& SERV MAN Change Note set below		08605-90043 08605-90043		08605-90044	8L	01	04	05
	KS-2	0626-1 (86052-1) 0626-2 (86052-2)	JUN73 JAN74	WO IMPR OPER AN	OCT81 1PLF FO R LINE	R A2 & A3 BOA	RDS			
KS-20626-L1		& SERV MAN Change		08605-90043 08605-90043	MAY85	08605-90044	8L	01	04	
KS-20526-L2		& SERV MAN Change		08605-90043 08605-90043	MAY85	08605-90044	8L	01	04	
KS-20626-L3		& SERV MAN Change		08605-90043 08605-90043	MAY85	08605-90044	8L	01	04	06
KS-20626-L4	and the second of the late to	& SERV MAN Change		08605-90043 08605-90043	MAY85	08605-90044	8L	01	04	06
KS-20626-L5		& SERV MAN Change		08605-90043 08605-90043	MAY85	08605-90044	8L	01	04	06
KS-20626-L6		& SERV MAN Change		08605-90043 08605-90043	MAY85	08605-90044	8L	01	04	
KS-29626-L7		& SERV MAN Change		08605-96043 08605-90043	MAY85	08605-90044	8L `	01	04	06
K281C		& SERV MAN & SERV MAN	The same and	00281-90030 69281-90043	AUG80 MAR84	00281-90031* 00281-90044	8L 8L	01 01	04 04	01 USE K281C FICHE 00281-90044 01 SEE TITLE PAGE FOR LIST OF OPTIONS
K8747A	MAN OPER	S SERV MAN CHANGE SERV MAN NOTE SET BELOW	MAY75	02747-90015 08747-90015 08747-90029		08747-90016 08747-90030				토릿은 현존을 하게 하시는 그들을 살고 있다. 그를 들다

11/08/85 MODEL NUKBER 10496A 105A 105A-K07 105B 1051A 10511A 10515A 1052A 10525-600 10525A 105252 10525H 10525T 10525T-HO 10526T 10528A 10529-600 10529A

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	MAN	CHANGE		AFR76	08605-90043				ì							
K281C	7. 7	& SERV & SERV			00281-90030 00281-90043			00281-90031* 00281-90044							TIONS	
K8747A	1 7 1 7 7 7	& SERV	MAN		05747-90015 08747-90015		JAN85	08747-90016	8L	01	45	02				
	OPER SERV	& SERV	ET BELOV	JUN82	08747-90029		JUL82	08747-90030			45	02				
	K874	7A-1/R8	747A-1/	MAR82	WN ALL SER.P	ACKA	GING :	INSTR FOR SHI	PME	NT						

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K8747A	R87478-1									10536A
MX-2962/USM		SEP63 AUG64	166D-901 166D-901	FEB78	166D-801	8L 0	1 08	02	ALSO MODEL MX-2962/USM-105A	105384
MX2930B/USM			1708-901 1708-901	MAR71	170B-801	0)1 08	05		10542A
MX3078A/USM		DEC65		MAR71	1708-801	0)1 08	05		10550A 10550B
0S-189A(P)		*** *** <u> </u>	00180-90916 00180-90910	FEB80	00180-90810	8L ()	1 08	02	MODEL # 05-189A(P)/USM-281	10552A
PL1186A/USM	OPER & SERV MAN	FEB70	01801-90906	JUN70	01801-90806	C	01 08	, 02		10555A
P281C	OPER & SERV MAN OPER & SERV MAN		00281-90030 GD&81-90043						USE P281C FICHE D0281-90044 SEE TITLE PAGE FOR LIST OF OPTIONS	10556A
P8747A	OPER NOTE MAN CHANGE		CB747-90004 2747-90004	JAN85	08747-90006	8L ()1 04	01		
P932A	OPER NOTE	JUN67	ดนจิ32-90001	JUN70	00932-90002	Ç	01 04	01		10557A
Q SERIES	OPER & SERV MAN	JAN66	00003-91324	APR81	00003-91374	8L ()1 11	01		10558A
Q8486A	OPER & SERV MAN	MAY85	08486-90001	JUL85	08486-90002	8L ()1 04	01		10559A
R8486A	OPER & SERV MAN	MAY85	08486-90001	JUL85	08486-90002	8L ()1 04	01		10562A
R8747A		MAY75	08747-90015 08747-90015 WN ALL SER.PACK	JUL82				02		10562A-00 10565B
R8747B	R87478-1 OPER & SERV MAN SERV NOTE SET BELOW K8747A-1/R8747A-1/ R87478-1			JUL82				; 02		10567A 10569A
SCR-10	SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69	WO MAINTENANCE : WO MOD OF 380-	INFO TO + 460-	OKW SUPPLY (C. O INCR FAN REI VAC INPUT SC	LIAB) R'S (ILTY On un	ON L	UNITS PRODUCED PRIOR TO AUG 1969 PRODUCED PRIOR TO JUNE 1969 DEC 1968.SUPERSEDES SCR-10-4	10579A 10580A
S3828	OPER NOTE	JAN68	00382-90010	SEP70	00382-90013*		01 O	4 01	USE S382C FICHE 00382-90036	
s382¢	OPER NOTE OPER NOTE		00382-90010 32-90035		00382-90013* 003820036				USE \$382C FICHE 00382-90036	10581A
\$810A	OPER NOTE	JANOO	8' JA-900	SEP71	00810-90004		01 04	4 01		10583A

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	NUTE	ER	C	TY	E	DAT	NUMBER	DATE	NUM DESCRIPT	IDER		G PTION	k** DES	CRIPTIO)N ***	DESCRIP	TTON *	
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	SCR-10-3 SCR-10-5				PRODUCED PRIOR TO JUNE 1969 DEC 1968.SUPERSEDES SCR-10-4
S3828	OPER NUTE	JAN68 00382-90010	SEP70 00382-90013*	01 04 01	USE \$382C FICHE 00382-90036
S382C	OPER NOTE OPER NOTE	JAN68 00382-90010 JAN84 77782-90035	SEP70 00382-90013* MAR84 00382-0036 8L		USE \$382C FICHE 00382-90036
S810A	OPER NOTE	JANOO & JA-900	SEP71 00810-90004	01 04 01	

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roggl	PR06	& OPER MAN	JUN81	91075-93026	AUG81	91075-93027	8L	01	09	01	
K281C											USE X281C FICHE 00281-90044 SEE TITLE PAGE FOR LIST OF OPTIONS
K 78 1	OPER	NOTE	MAY68	00781-90005	JUN83	00781-90006	8L	01	04	01	
X8440A	OPER	NOTE	MAR66	08440-70008	JAN85	08440-90009	8L	01	23	01	
x8747a	OPER Man C			08747-90004 08747-90004	JANES	08747-90006	8L	01	04	01	
04275-65001	OPER	NOTE	FEB81	64275-90100	APR81	04275-90150	8L	01	33	01	
05451-60025	OPER	& SERV MAN	NOV74	05451-90217	DEC74	05451-90218*		01	02	01	USE 5451C FICHE 05451-90503
09570-60004	OPER	& SERV MAN	NOV76	09570-93007	FEB77	09570-93008	8L	01	09	02	
09570-60005	OPER	& SERV MAI.	NOV76	09570-93005	FEB77	09570-93006	8L	01	09	02	
09570-60006	OPER	& SERV MAN	₹J V 76	09570-93001	FEB77	09570-93002	8L	01	09	02	
09570-60007	OPER	& SERV MAN	N0V76	09570-93003	FEB77	09570-93004	8L	01	09	02	
09570-60014	OPER	& SERV MAN	MAR77	09570-93019	JUN77	09570-93020	8L	01	09	02	
09570-60018	OPER	& SERV MAN	MAR77	09571-93017	JUN77	09571-93018	8L	01	09	01	
09570-60033	OPER	& SERV MAN	NOV76	09570-93013	FE877	09570-93014	8L	01	09	02	
09570-60037	OPER	& SERV MAN	MAR77	09570-93019	JUN77	09570-93020	8L	01	09	02	
)9570 - 66508	OPER	& SERV MAN	MAR80	09570-93023	MAY80	09570-93024	8L	01	09	01	
09570-66578		& SERV MAN Hange		09570-93025 09570-93025	SEP82	09570-90075	8L	01	09	02	
	OPER	& MAINT MAN	SEP64	00001-91314	JUL80	00001-91364	8L	01	11	01	
100A	MAN C	& SERV MAN CHANGE 100A CHANGE 100B	JUL62	100A-900 100A-900 100A-900	AUG80	00100-9006	8L	01	02	01	
1008	MAN (& SERV MAN CHANGE 100A CHANGE 100B	JUL62	100A-900 100A-900 100A-900	AUG80	00100-9006	8L	01	02	01	
100B/C/D	SERV M-4	NOTE SET BELOW	JAN71	CRYSTAL OVEN	MAY78 MERCU	RY COLUMN THE	RMO	STA	T RI	EPL.	ACEMENT
100¢		& SERV MAN Change		100C-900 100C-900	0СТ71	00100-9005		01	02	01	
100D	OPER	& SERV MAN	JANOO	100D-900	OCT71	00100-9004		01	02	01	참고, 프로그램 : 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100

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MODEL NUMBER	O LITERATURE C Type	H/C H/C PART DATE NUMBER *** DESCRIP	DATE NU	E PART M P D MBER L T V TION *** DESCRIPT	6	N *** DESCRIPTION ***
100D	MAN CHANGE	HAY62 100D-900	ост71 00100-	9004 01 02 0		
100E	OPER & SERV MAN	JUN65 00100-9003	OCT71 00100-	9007 01 02 0	2	

11/08/85 MODEL NUMBER 10693A

1008/C/D SERV NOTE SET B	ELOW	MAY78	
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1000 OPER & SERV MAN		OCT71 00100-9	05 01 02 01
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100D OPER & SERV MAN	JAN00 100D-900	OCT71 00100-9	01 02 01

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100D	MAN CHANGE	FIAY62	100D-900		00100-9004			02			ESCR			
100E	OPER & SERV MAN		00100-9003		00100-9007			02						
1000	SERV NOTE SET BELOW 1000A-1 100XXA/B/C-1 CONT'D	JAN75	WO IMPROVED S' WO MODELS 1000 GRND INTERI	JUL85 TRUCTURA D40,1000	L RISIDITY)013/				10016B.	POSS	PROBE	ACCY TIPS S	SHORTING TO
10001A	OPER NOTE OPER NOTE		5955-2477 5957-7634		5955-2478 5957-7635			80 80		USE 100	01A	FICHE	5957-7635	
10001B	OPER NOTE		5955-2477 5957-7634		5955-2478 5957-7635			80 80		USE 100	01B	FICHE	5957-7635	
10002A	OPER NOTE OPER NOTE		5955-2477 5957-7634		5955-2478 5957-7635			08 08		USE 100)02A	FICHE	5957-7635	
100028	OPER NOTE OPER NOTE		5955-2477 5957-7634		5955-2478 5957-7635			08 08		USE 100	02B	FICHE	5957-7635	
10003A	OPER NOTE OPER NOTE		5955-2477 5937-7634		5955-2478 5957-7635			08 08		USE 100	03A	FICHE	5957-7635	
10003B-C04	OPER NOTE	SEP72	10003-90908	ОСТ80	10003-9030	8 81	L 0 1	08	01					
10003B-C05	OPER NOTE	SEP72	10003-90908	OCT80	10003-9080	8 8	L 01	08	01					
10003B-C06	OPER NOTE	SEP72	10003-90908	ост80	10003-9080	8 8	L 01	08	01					
10003B-c07	OPER NOTE	SEP72	10003-90908	ост80	10003-9080	8 8	L 0'	08	01					
10003B-C08	OPER NOTE	SEP72	10003-90908	ОСТ80	10003-9080	8 8	٥٠ ا	08	01					
100038-009	OPER NOTE	SEP72	10003-90908	ост80	10003-9080	8 8	L 0'	08	01					
10004A	OPER NOTE SERV NOTE SET BELOW 10004A-1		5950-4098 WO IMPR REPL	APR79		8	L 0'	80 1	01					
10004B	OPER NOTE	SEP74	5951-8770	DEC83	5 5951-8772	8	L 0'	1 08	01					
10004C	OPER NOTE	SEP71	5951-2658	OCT71	5951-2664		0	1 08	01					
10004D	OPER NOTE OPER NOTE OPER NOTE	MAR78	5955-0186 5955-4160 5955-6263	MAY78	5 5955-0187 8 5955-4161 0 5955-6264	* 8	L 0'		01				5955-4161 5955-6264	
10005A	OPER NOTE SERV NOTE SET BELOW 10005A-1		5950-4098 WO IMPR REPL	APR79		8	L 0'	1 08	01					
10005B	OPER NOTE	SEP74	5951-8770	DEC8	5 5951-8772	8	L 0	1 08	01					
10005D	OPER NOTE	JUN76	5955-0186	DEC76	5 5955-0187	* 8	L O	1 08	01	USE 100	005D	FICHE	5955-4161	

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11/08/85 MODEL (NUMBER (O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTI	PAGE 7 FICHE FICHE PART M P D P DATE NUMBER L T V G ION *** DESCRIPTION *** DESCRIPTION ***
10005D	OPER NOTE OPER NOTE	MAR78 5955-4160 JAN80 5955-6263	MAY78 5955-4161 * 8L 01 08 01 USE 10005D FICHE 5955-6264 MAR80 5955-6264 8L 01 08 01
10006A	OPER NOTE	JUN69 5950-4098	SEP81 5950-4099 8L 01 08 01

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ı	10005A-1	MAR71 WO IMPR REPL PROBE	CABLE		
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1	10005B OPER NOTE	SEP74 5951-8770 DEC	83 5951-8772 8	L 01 08 01	
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١	10005D OPER NOTE	JUN76 5955-0186 DEC	74 5055-0187 + 8	1 01 08 01 USE 100	005D FICHE 5955-416?
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11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER	DATE	NUMBER	L	T	V	6	N *** NE	CCDTPTT(PAGE ON *** DESCRIPTION ***
(0005D	OPER NOTE OPER NOTE		5955-4160 5955-6263	MAY78		8L	01		01			E 5955-6264
10006A	OPER NOTE SERV NOTE SET BELOW 10006A-1		5950-4098 WO IMPR REPL PR	APR79	5950-4099 BLE	8L	01	80	01			
10006B	OPER NOTE	SEP74	5951-8770	DEC83	5951-8772	8L	01	08	01			
10006B-030	OPER NOTE	FEB73	10006-90902	NOV80	10006-90802	8 L.	01	08	01			
10006C	OPER NOTE	SEP71	5951-2658	OCT71	5951-2664		01	80	01			
10006D	OPER NOTE OPER NOTE OPER NOTE	MAR78	5955-0186 5955-4160 5955-6263	MAY78		8L	01		01			E 5955-4161 E 5955-6264
10007A	OPER NOTE Man Change		5951-1157 5951-1157	DEC81	5951-1158	8L	01	80	01			
10007В	OPER NOTE	MAR77	5955-2723	MAR77	5955-2724	8L	01	08	01			
10008A	OPER NOTE Man Change		5951-1157 5951-1157	DEC81	5951-1158	8L	01	80	01			
10008B	OPER NOTE	MAR77	5955-2723	MAR77	5955-2724	8L	01	08	01			
10009A	OPER NOTE	FEB67	10009-90901	APR81	10009-90801	8L	01	08	01			
1001	SERV NOTE SET BELOW 1000A-1		WO IMPROVED ST	MAY78 RUCTURA								
10012A	OPER NOTE SERV NOTE SET BELOW 10012A-1		10012-90902 WO IMPR REPL PI	APR79			01	80	01			
10012B	OPER NOTE	SEP74	5951-8770	DEC83	5951-8772	8L	01	08	01			
10013A	OPER NOTE OPER NOTE		10013-90902 10013-90904		10013-90802* 10013-90804					USE 100	3A FICH	E 10013-90804
10014A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER NOTE	AUG79 FEB80 NOV74	10014-90901 10014-90902 10014-90903 5951-8776 10014-90904	OCT79 APR80 JAN75	10014-90802*	8L 8L	01 01 01	08 08 08	01 01 01	USE 100	4A FICH	E 10014-90802 E 10014-90803 E 10014-90894
10015A	OPER NOTE	DEC75	10015-9:/901	JAN76	10015-90801	8L	01	08	01			
10016A	CPER NOTE	NOV74	5951-8776	JAN75	5951-8783		01	80	01			
100168	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB80 SEP83	10016-90902 10016-90903 10016-90904 10016-90905	APR80 DEC83	10016-90803*	8L 8L	01 01		01 01			E 10016-90803 E 10016-90804

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART Date Number *** Descripti	FICHE FICHE PART DATE NUMBER ION *** DESCRIPTION ***	LTVG	DESCRIPTION *** DESCRI	PAGE 8 PTION ***
10017A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB76 10017-90901 MAY77 5955-2744 FEB79 5955-5052 FEB80 5955-6270 MAY83 5957-4991	JUL77 5955-2745 * 8 MAR79 5955-5053 * 8 APR80 5955-6271 * 8	L 01 08 01 USE 10 L 01 08 01 USE 10	0017A FICHE 5955-2745 0017A FICHE 5955-5053 0017A FICHE 5955-6271 0017A FICHE 5957-4992	

10016B OPER NOTE	NOV78 10016-90902	JAN79 10016-90802*			
OPER NOTE	FEB80 10016-90903	APR80 10016-90803* 8			B FICHE 10016-90804
OPER NOTE	SEP83 10016-90904	DEC83 10016-90804 8			
OPER NOTE	DEC84 10016-90905	APR85 10016-90805 8	3L 01 08	01	

1/08/85 Model Number	O LITERATURE C TYPE	H/C DATE		FICHE DATE ON *** 1	FICHE PAR NUMBER DESCRIPTION	L	T	V	6	N ***	DESCR	IPTION	PAGE 8
0017A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE OPER NOTE	MAY77 FEB79 FEB80	10017-90901 5955-2744 5955-5052 5955-6270 5957-4991	JUL77 MAR79 APR80	10017-90801 5955-2745 5955-5053 5955-6271 5957-4992	* 8L * 8L	01 01 01	80 80 80	01 01 01	USE 1 USE 1	0017A 0017A	FICHE FICHE	5955-5053 5955-6271
0018A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB79 FEB80	5955-2744 5955-5052 5955-6270 5957-4991	MAR79 APR80	5955-5053	* 8L * 8L	01 01	80	01 01	USE 1	0018A	FICHE	5955-5053 5955-6271 5957-4992
0019A	OPER NOTE	JUN78	10019-90901	AUG78	10019-90801	8L	01	80	01				
002	SERV NOTE SET BELO 1000A-1		WO IMPROVED ST	MAY78 RUCTURA	L RIGIDITY								
002A	OPER NOTE	OCT77	5955-2790	NOV77	5955-2791	8L	01	08	01				
002B	OPER NOTE	0СТ77	5955-2790	NOV77	5955-2791	8L	01	08	01				
0020A	OPER NOTE OPER NOTE		10020-90905 10020-90907		10020-90805 10020-90807			08 08		USE 1	10020A	FICHE	10020-90807
0020A-001	OPER NOTE	NOV78	10020-90907	JAN79	10020-90807	8L	01	08	01				
0020F	OPER NOTE	NOV78	10020-90907	JAN79	16020-90807	8 L	01	08	01				
0021A	OPER NOTE	MAY77	5955-2753	JUL77	5955-2754	8L	01	08	01				
0022A	OPER NOTE	MAY77	5955-2753	JUL77	5955-2754	8L	01	80	01				
0023A	OPER NOTE SERV NOTE SET BELO 10023A-1	W	10023-90901 WO ALL SER.MOD	APR81				ji ya		CT RI	EADING:		
10025A	OPER NOTE	JAN69	5051-0103	AU679	5955-5076	8L	. 01	08	01				
10026A	OPER NOTE OPER NOTE		5955-2746 5957-2283		5955-2747 5957-2284			80 80		USE 1	10026A	FICHE	5957-2284
10027A	OPER NOTE OPER NOTE		5955-2746 5957-2283		5955-2747 5957-2284			80 80		USE '	10027A	FICHE	5957-2284
A85001	OPER NOTE	MAR78	10028-90901	MAY78	10028-90801	8L	. 01	08	01				
10029A	OPER NOTE OPER NOTE		5957-3218 5057-4981		5957-3219 5957-4982			80 80		USE	10029A	FICHE	5957-4982
1003	SERV NOTE SET GELO 1000A-1		WO IMPROVED ST	MAY78 Ructura									
10030A	OPER NOTE	DEC82	10030-90901	FEB83	10030-9080	81	. 01	08	01				
10035A	OPER NOTE	DEC76	10035-90901	FEB77	10035-9080	* 8L	. 01	08	01	USE '	10035A	FICHE	10035-90803

0017A		MAY77 FEB79 FEB80	5955-2744 5955-5052 5955-6270	JUL77 MAR79 APR80	10017-90801* 5955-2745 * 5955-5053 * 5955-6271 * 5957-4992	8L 8L 8L	01 01 01	80 80	01 01 01	USE	10017A 10017A	FICHE FICHE	5955-5053 5955-6271
10018A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB79 FEB80	5955-5052 5955-6270	MAR79 APR80	5955-6271 *	8L 8L	01 01	80	01 01	USE	10018A	FICHE	5955-5053 5955-6271 5957-4992
10019A	OPER NOTE	JUN78	10019-90901	AUG78	10019-90801	8L	01	80	01				
1002	SERV NOTE SET BELOW 1000A-1	JAN75	WO IMPROVED STRU	MAY78 JCTURAI	. RIGIDITY								
1002A	OPER NOTE	OCT77	5955-2790	NOV77	5955-2791	8L	01	80	01				
1002B	OPER NOTE	OCT77	5955-2790	NOV77	5955-2791	8L	01	80	01	7.7			
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10020A-001	OPER NOTE	NOV78	10020-90907	JAN79	10020-90807	8L	01	08	01				
10020F	OPER NOTE	NOV78	10020-90907	JAN79	16320-90807	8L	01	80	01				
10021A	OPER NOTE	MAY77	5955-2753	JUL77	5955-2754	8L	01	08	01				
10022A	OPER NOTE	MAY77	5955-2753	JUL77	5955-2754	8L	01	08	01				
10023A	OPER NOTE SERV NOTE SET BELOW 10023A-1		10023-90901 WO ALL SER.MOD 1	APR81	10023-90801 R BATT LIFE &					ECT 1	READING	\$	
10025A	OPER NOTE	JAN69	5051-0103	AUG79	5955-5076	8L	01	08	01				
10026A	OPER NOTE	100 1	5955-2746 5957-2283		5955-2747 * 5957-2284			80 80		USE	10026A	FICHE	5957-2284
10027A	OPER NOTE OPER NOTE		5955-2746 5957-2283		5955-2747 * 5957-2284			08 08		USE	10027A	FICHE	5957-2284
10028A	OPER NOTE	MAR78	10028-90901	MAY78	10028-90801	8L	01	08	01				
10029A	OPER NOTE OPER NOTE		5957~3218 5057~4981		5957-3219 * 5957-4982			08 08			10029A	FICHE	5957-4982
1003	SERV NOTE SET BELOW 1000A-1		WO IMPROVED STR	MAY78 Uctura									
10030A	OPER NOTE	DEC82	10030-90901	FEB83	10030-90801	8L	01	08	01				
10035A	OPER NOTE	DEC76	10035-90901	FEB77	10035-90801*	8L	01	08	01	USE	10035A	FICHE	10035-90803

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTI	PAGE 9 FICHE FICHE PART M P D P DATE NUMBER L T V G ON *** DESCRIPTION *** DESCRIPTION ***
10035A	OPER NOTE	AUG81 10035-90903	OCT81 10035-90803 8L 01 08 01
10036В	OPER NOTE	DEC77 5955-2798	JAN78 5955-2799 8L 01 08 01
10037в	OPER NOTE	DEC77 5955-2798	JAN78 5955-2799 8L 01 08 01
10038A	OPER NOTE	MAY71 10038-90901	SEP71 10038-90801 01 08 01

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10030/	V	OPER	NOTE		DEC82	10030-9090	1	FEB83	10030-908	D1 8L	. 01	08 0	1				
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10035A	OPER NOTE	AUG81	10035-90903	OCT81	10035-90803	8L	01	08	01				
10036B	OPER NOTE	DEC77	5955-2798	JAN78	5955-2799	8L	01	08	01				
10037В	OPER NOTE	DEC77	5955-2798	JAN78	5955-2799	8L	01	80	01				
10038A	OPER NOTE	MAY71	10038-90901	SEP71	10038-90801		01	80	01				
1004	SERV NOTE SET BELOW 1000A-1		WO IMPROVED ST	OCT78 RUCTURAL	. RIGIDITY								
1004A	OPER NOTE	OCT77	5955-2790	NOV77	5955-2791	8L	01	80	01				
10040A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB79 FEB80	5955-2744 5955-5052 5955-6270 5957-4991	MAR79 APR80	5955-5053 *	8L 8L	01 01	08	01 U 01 U	SE 10040	A FICH	E 5955-5053 E 5955-6271 E 5957-4992	
10041A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB79 FEB80	5955-2744 5955-5052 5955-6270 5957-4991	MAR79 APR80	5955-5053 *	8L 8L	01 01	08	01 U 01 U	SE 10041	A FICHI	E 5955-5053 E 5955-6271 E 5957-4992	
10042A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB79 FEB50	5955-2744 5955-5052 5955-6270 5957-4991	MAR79 APR80	5955-5053 *	8L	01 01	80	01 U 01 U	SE 10042	A FICH	E 5955-5053 E 5955-6271 E 5957-4992	
10050A	OPER NOTE	JAN78	5955-2787	APR78	5955-2788	8L	01	D2	01				
10051A	OPER NOTE	JAN78	5955-2787	APR78	5955-2788	8L	01	D2	01			성환으로 하려면 등로 있다. 강인하다 그리고 하는 일상으로	
10059A	MOD KIT	JAN79	10059-90901	JUN81	10059-90801	8L	01	DZ	01				
10030A	OPER NOTE OPER NOTE		10060-90901 10060-90902	JAN78 JUN79	10060-90801* 10060-90802	8L 8L	01 01	D2 D2	01 U 01	SE 10060	A FICHI	E 10060-90802	
10066A	OPER NOTE	MAR81	10066-90902	AUG81	10066-90802	8L	01	D2	01				
10069A	OP & SERV MAN SUPP	JUL79	01615-90903	AUG79	01615-90803	8L	01	D2	01				
1007A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	JUL78 NOV79	5955-2782 5955-4193 5955-6247 5957-3269	AUG78 FEB80	5955-4194 *	8L 8L	01 01	80	01 U 01 U	SE 1007A	FICHE	5955-4194 5955-6248 5957-3270	
1008A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	JUL78 NOV79	5955-2782 5955-4193 5955-6247 5957-3269	AUG78 FEB80	5955-4194 *	8L 8L	01 01	80	01 U 01 U	SE 1008A	FICHE	5955-4194 5955-6248 5957-3270	
10080A	OPER NOTE	MAR81	5955-5054	MAY81	5955-5055	8L	01	08	01				
10081A	OPER NOTE	MAR81	5955-5054	MAY81	5955-5055	8L	01	08	01				

1/08/85			· 보고 보고 있는데 사람들이 하는데 보고 있는데 함께 하는데 보고 있는데 그런데 하는데 하는데 보고 있는데 되었다. 그런데 보고 있는데 되었다. 그런데 하는데 되었다. 그런데 그런데 그런데 그런데
10081A	OPER NOTE	MAR81 5955-5054	MAY81 5955-5055 8L 01 08 01
A08001	OPER NOTE	MAR87 5955-5054	MAY81 5955-5055 8L 01 08 01
1008A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	OCT77 5955-2782 JUL78 5955-4193 NOV79 5955-6247 JAN82 5957-3269	DEC77 5955-2783 * 8L 01 08 01 USE 1008A FICHE 5955-4194 AUG78 5955-4194 * 8L 01 08 01 USE 1008A FICHE 5955-6248 FEB80 5955-6248 * 8L 01 08 01 USE 1008A FICHE 5957-3270 MAR82 5957-3270 8L 01 08 01
007A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	OCT77 5955-2782 JUL78 5955-4193 NOV79 5955-6247 JAN82 5957-3269	DEC77 5955-2783 * 8L 01 08 01 USE 1007A FICHE 5955-4194 AUG78 5955-4194 * 8L 01 08 01 USE 1007A FICHE 5955-6248 FEB80 5955-6248 * 8L 01 08 01 USE 1007A FICHE 5957-3270 MAR82 5957-3270 8L 01 08 01
0069A	OP & SERV MAN SUPP	JUL79 01615-90903	AUG79 01615-90803 8L 01 D2 01
)D66A	OPER NOTE	MAR81 10066-90902	AUG81 10066-90802 8L 01 D2 01
0030A	OPER NOTE OPER NOTE	OCT77 10060-90901 MAY79 10060-90902	JAN78 10060-90801* 8L 01 D2 01 USE 10060A FICHE 10060-90802 JUN79 10060-90802 8L 01 D2 01
059A	MOD KIT	JAN79 10059-90901	JUN81 10059-90801 8L 01 D2 01
0051A	OPER NOTE	JAN78 5955-2787	APR78 5955-2788 8L 01 D2 01
050A	OPER NOTE	JAN78 5955-2787	APR78 5955-2788 8L 01 D2 01
0042A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	MAY77 5955-2744 FEB79 5955-5052 FEB80 5955-6270 MAY83 5957-4991	JUL77 5955-2745 * 8L 01 08 01 USE 10042A FICHE 5955-5053 MAR79 5955-5053 * 8L 01 08 01 USE 10042A FICHE 5955-6271 APR80 5955-6271 * 8L 01 08 01 USE 10042A FICHE 5957-4992 SEP83 5957-4992 8L 01 08 01
D041A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	MAY77 5955-2744 FEB79 5955-5052 FEB80 5955-6270 MAY83 5957-4991	JUL77 5955-2745 * 8L 01 08 01 USE 10041A FICHE 5955-5053 MAR79 5955-5053 * 8L 01 08 01 USE 10041A FICHE 5955-6271 APR80 5955-6271 * 8L 01 08 01 USE 10041A FICHE 5957-4992 SEP83 5957-4992 8L 01 08 01
9040A	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	MAY77 5955-2744 FEB79 5955-5052 FEB80 5955-6270 MAY83 5957-4991	JUL77 5955-2745 * 8L 01 08 01 USE 10040A FICHE 5955-5053 MAR79 5955-5053 * 8L 01 08 01 USE 10040A FICHE 5955-6271 APR80 5955-6271 * 8L 01 08 01 USE 10040A FICHE 5957-4992 SEP83 5957-4992 8L 01 08 01
	有一种的 化二甲基甲基 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		그 왜 학생님들은 마음이 있다는 그 양살이는 일반이다. 문학을 가지 않는 것이 되었다고 있는 것들은 이 사람들이 가장 하는 것이 나를 가는 것 같아. 나는 사람들이 되었다는 것이다.

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C A/C FERT DATE MASEA *** JESCHI/TIO	FICHE FICHE PAR DATE NUMBER ON *** DESCRIPTION	T M P D P L T V G *** DESCRIPTION ***	DESCRIPTION ***	PAGE 10 DESCRIPTION ***
10082A	OPER NOTE	MAR81 5955-505*	MAY81 5955-5055	8L 01 08 01		
10085A	OPER NOTE	OCT83 10085-90901	DEC83 10085-90801	8L 01 08 01		
10090A	OPER NOTE	0CT71 5951-2645	AUG79 5955-5075	8L 01 08 01		
10091A	OPER NOTE	0CT71 5951-2645	AUG79 5955-5075	8L 01 08 01		

11/08/85 MODEL 0	
NUMBER C 10920a	OPE
10921-60004	MAN
10921A	MOD
10960A	INS
110A 11000A	INS
11001A	0PE
11002A 11003A	OPE
11004A	OPE
11005A	OPE OPE
11028A 1103A	OPE
11035A	MAN
11036A 11039A	OPE
11044	OPE
11040A	110 OPE
11044A	OPE
11045A 11046A	OPE
11047A	OPE OPE
11049A	OPE OPE
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11/08/85 MODEL NUMBER

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1008	14 A		ADED	NOTE			MADR4	EOEE	_ENEA	 MAV04	EARE.	ENEE	٥	I 04	00	04
1000	,,,,	111	UPER	NUIE	. "	 - , <i>i</i> (,	MAR81	2722	-フリン4	MAY81	יככלכ	-フuフラ	0	LUI	UO	Ul
0 6 ;	100					10.5						1.5			100	4 1 21

11/08/85 Model Number	0 C	LITERATURE TYPE	H/C DATE	H/C F/RT NUMBER *** CESCREPTION	FICHE DATE N ***	NUMBER	L	T	D V Crii	G	PAGE 10 ON *** DESCRIPTION ***
10082A	OPER	NOTE	MAR81	5955-505*;		5955-5055			80		
10085A	OPER	NOTE	ост83	10085-90901	DEC83	10085-90801	8L	01	08	01	
10090A	OPER	NOTE	OCT71	5951-2645	AUG79	5955-5075	8L	01	08	01	요. 이 라이크로 보는 스크로 시간 전 경기 이 이 이 등에 보고 있는데 모든데. 라이크로 1965 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 -
10091A	OPER	NOTE	OCT71	5951-2645	AUG79	5955-5075	8L	01	08	01	
10092A	OPER	NOTE	OCT71	5951-2645	AUG79	5955-5075	8L	01	08	01	
101		& SERV MAN Note set below 1	JUN66 APR67	00101-91312 SER BELOW 53	MAY78	00101 - 91362 PWR SUPPLY RE		01	11	01	
01A	The state of the s	& SERV MAN Change		00101-9001 00101-9001	APR71	00101-9002		01	02	02	
0100B	OPER	NOTE	APR8?	10100-90904	JUL81	10100-90804	8L	01	08	01	
10100c		MOTE NOTE		10100-90901 10100-90905		10100-90801* 10100-90805		01 01	80 80	01 01	USE 10100C FICHE 10100-90805
0101A	OPER	NOTE	ост70	10101-90901	OCT70	10101-90801		01	08	01	
101019		NOTE NOTE		10101-90903 10101-90904					80 80		USE 10101B FICHE 10101-90804
0103A		NOTE NOTE		10103-90901 10103-90902		10103-90801* 10103-90802		01 01	80 80	01 01	USE 10103A FICHE 10103-90802
101038	OPER	NOTE	OCT74	10103-90906	SEP85	10103-90806	8L	01	08	01	
10105A	INST	ALL INSTRUCT	OCT70	10105-90901	NOV70	10105-90801		01	80	01	마음 경험 이 사람이 있다면 하고 하는데, 사람들이 하시면도 다음이 되었다. 2008년 - 12 대한 학교 등 학교 중요. 그 전에 함께 있는데, 학교 하고 되었다면 하다.
10133A	OPER	NOTE	OCT70	10133-90901	NOV70	10133-90801		01	80	01	
I0164B		NOTE NOTE	* 1 5 L = 7	10164-90904 10164-90905		10164-90804* 10164-90805		01 01	80 80	01 01	USE 10164B FICHE 10164-90805
10166A	OPER	NOTE	JUL78	10166-90903	SEP78	10166-90803	8L	01	80	01	
0169A		NOTE CHANGE		10169-90902 10169-90902	DEC71	10169-90802		01	80	01	
10184A	OPER	ATORS GUIDE	AUG78	10184-90901	JAN79	10184-90801	8L	01	80	01	FOR 9825A WITH 1350A
0186A	OPER	MAN	NOV82	10186-90901	JAN83	10186-90801	8L	01	80	01	
0190A	OPER	NOTE	SEP71	10190-90902	NOV71	10190-90802		01	80	01	
02008	OPER	NOTE	N0V65	10200-99001	AUG81	10200-99101	8L	01	80	01	
10202B	OPER	NOTE	JANOD	5950-0563	AUG81	5950-0564	8L	01	08	01	
10203A	OPER	NOTE	JANOO	5950-0563	AUG81	5950-0564	8L	01	08	01	그리는 말을 그렇게 하지않는 사람들이 있는 것이다

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11066A

1107A

11074A

11075A

11076A

1108A

11086A

11098

11/08/85 MODEL NUMBER

11096B

11097A

11098A

10186A	OPER MAN	NOV82	10186-90901	JAN83	10186-90801	8L 01	08 01	
10190A	OPER NOTE	SEP71	10190-90902	NOV71	10190-90802	01	08 01	는 사람들이 되었다. 그는 사람들이 보고 있는 것이 되었다. 그들은 사람들이 되었다는데 이 없었다. 1980년 - 1985년
10200B	OPER NOTE	NOV65	10200-99001	AUG81	10200-99101	8L 01	08 01	마마마 등 생물에 가지 않는 사람이 많아 하는 것이 되었다. 그는 사람이 되었다고 있다. [1] 발생한 사람이 많아 하다 하는 것이 되었다. 그 사람들이 있는 것이 되었다. 그 것이 되었다.
10202B	OPER NOTE	JANOO	5950-0563	AUG81	5950-0564	8L 01	08 01	
10203A	OPER NOTE	JANOO	5950-0563	AUG81	5950-0564	8L 01	08 01	
11/08/85								PAGE 11
MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPT:	FICHE DATE [ON *** [NUMBER	LT	D P V G RIPTI	보다 살통 한 화가 있는 경험 사람들은 경험을 제 있는 것 같아 하나 되었다.
102048	SERV NOTE SET BELO 102048-1A		MOD TO INC	JAN79 R BAKDPAS	SS & RED OVERS	SHOOT		
10208A	OPER NOTE	N0V67	10209-99001	AUG81	10209-99101	8L 01	08 01	경기는 이 경우 등로 살아가고 하고 있는 것이라고 싶는데 이번 중에는 글이번 일이 되었다. 2018년 - 1일 전략 등로 등로 있는 경험이 있습니다 말로 있을 것이라는 말로 가장 되었다.
10209A	OPER NOTE	N0V67	10209-99001	AUG81	10209-99101	8L 01	08 01	
10212A	SERV NOTE SET BELO	W	MAN TA TMB	JAN79	IME D SEN AVE	NEUAAT		

10	203	A	 TRAFU	OPER	NOTE			JANOO	5950	0-056	3	AUG81	5950	-0564	8L	01	08 0	11
10.00	100	9.00		1111	E	100	141, 4 14		100			 61717 7 7						* *

1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE V ***	NUMBER	L	T	V	G	***	DESCI	RIPTIO	N *** DESCRI	PAGE 11 PTION ***
02048	SERV NOTE SET BELOW 102048-1A			JAN79										
A8020	OPER NOTE	N0V67	10209-99001	AUG81	10209-99101	8L	01	08	01					
0209A	OPER NOTE	N0V67	10209-99001	AUG81	10209-99101	8L	01	08	01					
0212A	SERV NOTE SET BELOW 10212A-1	MAY64	MOD TO IMPR	JAN79 Rise t		RSH0	OT.							
0213A	OPER NOTE	JANOO	10213-99001	AU681	10213-99101	8L	01	08	01					
0214A	OPER NOTE	JUL68	10214-90902	AUG81	10214-90802	8L	01	08	D1					
0215A	OPER NOTE	SEP68	10215-90901	MAR79	10215-90801	8L	01	08	D1					
0216A	OPER NOTE	MAY70	10216-90902	SEP70	10216-90802		01	08	D1					
0226A	OPER NOTE	JANOO	10226-99001	APR81	10226-99002	8L	01	08	01					
0227A	OPER NOTE	JANOO	10227-99001	APR81	10227-99002	8L	01	08	01					
0228A	OPER NOTE	SEP68	10228-90901	APR81	10228-90801	8 L	01	08	01					
0230 A	OPER NOTE OPER NOTE		10230-90901 10230-90902	SEP73 JUN83	10230-90801* 10230-90802	8L 8L	01 01	D2 08	01 U 01	SE 1	0230A	FICHE	10230-90802	
0230A/B	SERV NOTE SET BELOW 10230A/B-10231A/B-1 10230B-1	DEC74	WM FIELD REPAIR WO 10230B CLOCK	JAN79 KIT.S PROBE	UPER 1601A-2	TO I	MPR	LO	A FE	VEL	THRESI	HLD RE	C HIGH LEVEL	INPUT SIG
0230B	OPER NOTE	JAN76	10230-90905	JUN83	10230-90805	8L	01	08	01					
0230c	OPER NOTE OPER NOTE		10230-90908 10230-90910	JUL79 DEC80	10230-90808* 10230-90810	8 <u>L</u> 8L	01 01	D2	01 U 01	SE 1	0230¢	FICHE	10230-90810	
0231A	OPER NOTE	JUL73	10231-90901	AUG73	10231-90801*	8L	01	D2	01 U	SE 1	0231B	FICHE	10231-90803	
0231A/B	SERV NOTE SET BELOW 10230A/B-10231A/B-1	DEC74	WN FIELD REPAIR	JAN79 KIT.S										
0231B	OPER NOTE MAN CHANGE		10231-90903 10231-90903	MAY83	10231-90803	8L	01	D2	D1					
0231C	OPER NOTE OPER NOTE OPER NOTE OPER NOTE	FEB77 JUL78	10231-90906 10231-90907 10231-90908 10231-90909	MAR77 AUG78	10231-90806* 10231-90807* 10231-90808* 10231-90809	8L 8L	01 01	08 08	01 U 01 U	SE 1	0231C	FICHE	10231-90808	
0233A	OPER NOTE	APR74	10233-90901	SEP74	10233-90801		01	08	D1					
0235A	OPER NOTE OPER NOTE		10235-90901 10235-90007	SEP75 SEP83	10235-90801* 10235-90008	8L 8L	01 01	08 (38 (01 U 01	SE 1	0235A	FICHE	10235-90008	

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE		FICHE DATE ***	FICHE PART NUMBER DESCRIPTION *	L	T	D V	G	* DESCRIPTI	ON ***	DESC	RIPTI	PAGE ON ***	
10240A	OPER NOTE Man Change		10240-99001 10240-99001	APR81	10240-99002	8L	01	08	01						
0240B	OPER NOTE	JAN69	10240-90902	DEC70	10240-90802		01	08	01						
10241A	OPER NOTE	MAR71	10241-90902	OCT85	10241-90802	8L	01	08	01						
02 4 2A	OPER NOTE	AU671	10242-90902	OCT85	10242-90802	8L	01	08	01						
0243A	OPER NOTE	AUG71	10243-90902	OCT85	10243-90802	8L	N1	08	N1						

	11/08/85	
	MODEL O Number C	
	11096B	OPER N
	11097A	OPER N
	11098A	OPER N
	1110A	OPER N
	1110B	OPER N
	11114	OPER E
		MAN CH OPER &
		SERV N 1111A-
	1112A	OPER &
	11122A	MAN CH OPER N
	11129A	OPER N
	11133A	OPER N
	11133A-CO2	OPER N
	11135A	OPER N
April 1	11136A	OPER N
	11137В	OPER N
	11144	OPER N
		SERV N 1114A-
	11145A	OPER N
	11146A	OPER &
		SERV N 11146A
	11151B	OPER N
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	1116A	OPER N
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1119A OPER	
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1119B OPE) N
11119C OPER) M

OPER N

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11/08/85 MODEL NUMBER	0	LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE Date On ***	NUMBER	L	. T	V)N **	'* DESC	RIPTIO	N *** DESCRIPT	PAGE 12
10240A	100 pt 100 pt 100 to	NOTE Change		10240-99001 10240-99001	APR81	10240-99002	8L	- 01	08	01					
10240B	OPER	NOTE	JAN69	10240-90902	DEC70	10240-90802		01	08	01					
10241A	OPER	NOTE	MAR71	10241-90902	0СТ85	10241-90802	8L	. 01	08	01					
10242A	OPER	NOTE	AUG71	10242-90902	0СТ85	10242-90802	8L	. 01	08	01					
10243A	OPER	NOTE	AU671	10243-90902	0CT85	10243-90802	8L	. 01	08	01					
10247A		NOTE NOTE		10247-90901 10247-90903		10247-90801* 10247-90803		- 01 - 01			USE	10247	FICHE	10247-90803	
10248A	A company of the comp	NOTE NOTE	1 / / L	10248-90901 10248-90904		10248-90801* 10248-90804					USE	10248	FICHE	10248-90804	
0248B	OPER	NOTE	MAR78	10248-90903	APR78	10248-90803	8L	. 01	D2	01					
0248C	OPER	NOTE	SEP79	10248-90905	JUN81	10248-90805	8 L	. 01	D2	01					
10250A		NOTE NOTE		10250-90901 10250-90902	and the second second	10250-90801* 10250-90802		01 . 01			USE	10250/	FICHE	10250-90802	
10251A		NOTE NOTE		10251-90901 10251-90902		10251-90801* 10251-90802	9.1.1.1	01 - 01			USE	10251A	FICHE	10251-90802	
0252A		NOTE NOTE		10252-90901 10252-90902		10252-90801* 10252-90802		01 01			USE	10252	FICHE	10252-90802	
10253A	OPER	NOTE	NOV75	10253-90901	JAN76	10253-90801	8L	. 01	D2	01					
10254A	OPER	NOTE NOTE NOTE	AUG78	10254-90902 10254-90903 10254-90904	0CT78	10254-90802* 10254-90803* 10254-90804	81	- 01 - 01 - 01	08	01	USE USE	10254A 10254A	FICHE FICHE	10254-90803 10254-90804	
10257A	0P &	SERV MAN SUPP	JAN77	10257-90901		10257-90801	81	. 01	D2	01					
102578	OP & OP & OPER	SERV MAN SUPP SERV MAN SUPP SERV MAN SUPP /SERV MAN SUPP CHANGE	JUL79 FEB80 MAY81	10257-90904 10257-90905 10257-90906 10257-90907 10257-90907	MAR80 DEC80	10257-90804* 10257-90805* 10257-90806* 10257-90807	8L 8L	- 01 - 01	D2 08	02	USE	10257E	FICHE	10257-90806	
10258A	OP &	SERV MAN SUPP	FEB77	10258-90901	MAR77	10258-90801	8L	. 01	D2	01					等的增加。 特殊數數
10258B	OP & OPER SERV	/SERV MAN SUPP SERV MAN SUPP & SERV MAN NOTE SET BELOW	SEP79 AUG80	10258-90903 10258-90904 10258-90905	DEC80 DEC80 JAN79	10258-90803* 10258-90804* 10258-90805	8L 8L	. 01 . 01	D2 D2	02 02	USE	10258E	FICHE	10258-90805	
		8B-1		WO REC MOD TO		That had believed as					FOR	1611A	OPT A8		
10259A		/SERV MAN SUPP		10259-90901		10259-90801									
10260A	OPER	/SERV MAN SUPP	SEP78	10260-90901	JAN79	10260-90801*	8L	. 01	80	02	USE	102604	FICHE	10260-90802	

11/08/85 MODEL O NUMBER C	
1118A	OPER NO
11187c 1119A	OPER NO
11198 11190	OPER NO
11190	OPER NO
1128 1120 A	OPER & OPER NO MAN CHA
11214	OPER NO OPER NO MAN CHA
1123A	SERV NO 1121A-1 OPER &
11237A	MAN CHA
11238A 11238B	OPER NO
11238C 11239A	OPER NO
11239B 11239C	OPER NO
1124A	OPER NO
11240A 1125A	OPER NO
11253A	SERV NO
112538	SERV NO 11253B-

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 13 H/C H/C FART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
10260A	OPER/SERV MAN SUPP MAN CHANGE SERV NOTE SET BELOW 10260A-1	SEP79 10260-90902 SEP80 10260-90802 8L 01 D2 02 JUN80 10260-90902 APR83 NOV82 WA SER 1838A00864 & BELOW.MOD TO CORRECT PEXCK TIMING PROB
10261A	OPER/SERV MAN SUPP	OCT78 10261-90902 JAN79 10261-90802 8L 01 D2 02
10262A	OPER & SERV MAN SUP MAN CHANGE SERV NOTE SET BELOW 10262A-1	JUL79 10262-90902
10263A	OP & SERV MAN SUPP	MAY78 10247-0001 NECRO 10247-00003

PAGE 13 H/C FART FICHE FICHE PART M P D P NUMBER DATE NUMBER L T V G DESCRIPTION *** DESCRIPTION ***	11/08/85 MCDEL NUMBER	0 LIT C
D-90902 SEP80 10260-90802 8L 01 D2 D2 D-90902 APR83 ER 1838AD0864 & BELOW.MOD TO CORRECT PEXCK TIMING PROB	113AR	OPER & S Man Chan Man Chan
1-90902 JAN79 10261-90802 8L 01 D2 02	113AR/BR	SERV NOT 113A-1
2-90902 AUG81 10262-90802 8L 01 D2 02 2-90902 APR79	1138R	OPER & S MAN CHAN

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113BR-H02

1/08/85 Model Number	O LITERATURE C TYPE	H/C H/C FA Date numbe *** Descr	
0260A	OPER/SERV MAN SUPP MAN CHANGE SERV NOTE SET BELOW	EP79 10260-9090 UN80 10260-9090	
		0V82 WA SER 183	38AOO864 & BELOW.MOD TO CORRECT PEXCK TIMING PROB
0261A	OPER/SERV MAN SUPP	CT78 10261-9090	D2 JAN79 10261-90802 8L 01 D2 02
0262A	OPER & SERV MAN SUP MAN CHANGE	UL78 10262-9090 UL79 10262-9090	D2 항문 기업을 받는 사람들은 하는 사람들은 사람들이 하는 사람들이 되었다. 그는 사람들은 사람들이 되었다.
	SERV NOTE SET BELOW 10262A-1	EC78 WA SER 181	APR79 18A00511 & BELOW.MOD FOR INPUT SIGNAL THRESHOLD DETECTION.
0263A		AY78 10263-9090 UG80 10263-9090	**************************************
0264A	OP & SERV MAN SUPP OP & SERV MAN SUPP MAN CHANGE	AY79 10264-9090 EC79 10264-9090 UG81 10264-9090	02 SEP81 10264-90802 BL 01 D2 02
	SERV NOTE SET BELOW 10264A-1		PREVENT RANDOMLY INCORRECT TRIGGERING.
0266 A	MAN CHANGE	AY81 10266-9090 EB83 10266-9090	DI 등 및 트립스트를 보고 있는 다른 등록 및 보고 및 프로그램을 보고 있는 것을 보고 있는 것을 받는다.
	SERV NOTE SET BELOW 10266A-1	UN82 WA SER 222	OCT82 27A & BELOW.OPT A09.NEW A9 PERSONAL BD TO CORREC SYNC
0269A	SERV BREIF OPER NOTE SERV NOTE SET BELOW	EC82 10269-9090 AY84 10269-9090	06 JUN84 10269-90806 8L 01 08 01 JUL84
	10269A/072-1	y de la serie de la composition de la c	101 THRU 00148.INCORRECT DISASSY
0269B	OPER NOTE	AY84 10269-9090	D6 JUN84 10269-90806 8L 01 08 01
0275A	OPER NOTE OPER NOTE SERV NOTE SET BELOW	AN79 10275-9090 CT80 10275-9090	
	10275A-1	AY82 WA ALL MOD	DELS SHIP PRIOR TO 3/22/82.MOD TO CORRECT MONITOR SELECT SW S1 FAILURE
02768	OPER NOTE OPER NOTE OPER NOTE	0V78 10276-9090 PR80 10276-9090 UG82 10276-9090	D2 JUN80 10276-90802* 8L 01 08 01 USE 10276A FICHE 10276-90803
0277A	OPER NOTE OPER NOTE	UL78 10277-9090 EB79 10277-9090	D2 AUG78 10277-90802* 8L 01 08 01 USE 10277A F1CHE 10277-90803
	OPER NOTE OPER NOTE	EP80 10277-9090 JL81 10277-9090	JUN81 10277-90805* 8L 01 08 01 USE 10277A FICHE 10277-90805
0277B	OPER NOTE	JL78 10277-9090	D2 AUG78 10277-90802* 8L 01 08 01 USE 10277B FICHE 10277-90803
	OPER NOTE OPER NOTE OPER NOTE	EB79 10277-9090 EP80 10277-9090 JL81 10277-9090	05 JUN81 10277-90805* 8L 01 08 01 USE 10277B FICHE 10277-90806
0277c	OPER NOTE OPER NOTE	UL78 10277-9090 EB79 10277-9090	D2 AUG78 10277-90802* &L 01 08 01 USE 10277C FICHE 10277-90803

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 14 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
10277C	OPER NOTE	JUL81 10277-90906 AUG81 10277-90806 8L 01 D2 01
10277D	OPER NOTE	JUL80 10277-90904 SEP80 10277-90804 8L 01 D2 01
10278A	OPER NOTE	OCT79 10278-90901 JUN81 10278-90801 8L 01 D2 01
10278B	OPER NOTE	JUL81 10278-90902 NOV81 10278-90802 8L 01 D2 01
10279A	OPER NOTE OPER NOTE	FEB80 10279-90901
10280A	OPER NOTE OPER NOTE MAN CHANGE	FZB80 10280-90901

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11/08/85 Model Number	O LITERATURE C TYPE	DATE	NUMBER I	FICHE DATE *** [FICHE PART NUMBER DESCRIPTION ***	L	T	D V RIP1	6	PAGE 14 *** DESCRIPTION *** DESCRIPTION ***
10277c	OPER NOTE	JUL81 1027	7-90906	AUG81	10277-90806	8L	01	D2 ()1	
10277D	OPER NOTE	JUL80 1027	7-90904 8	SEP80	10277-90804	8L	01	D2 ()1	마르크 (P. 15), 일본 교육 보고 하하는 데 보급하는 하고 있었다. 그렇게 되는 기계 하게 되었습니다. 이 기계 보면 보는 하는 하는 이 일본 때 하는데
10278A	OPER NOTE	OCT79 1027	8-90901	JUN81	10278-90801	8L	01	D2 ()1	
0278B	OPER NOTE	JUL81 1027	8-90902 N	NOV81	10278-90802	8L	01	D2 ()1	사람들이 하는 사람이 있는 것이 되는 것은 사람이 되고 말했다. 이 이 사람 일 2000년에 발표되는 것은 기계를 가장하는 것을 하고 있는 것이 없다.
10279A	OPER NOTE OPER NOTE	FEB80 1027 AUG80 1027		UN80 DEC80	10279-90801* 10279-90802	8L 8L				SE10279A FICHE 10279-90802
10280A	OPER NOTE OPER NOTE MAN CHANGE	FEB80 1028 SEP80 1028 JAN81 1028	0-90902		10280-90801* 10280-90802					SE 10280A FICHE 10280-90802
10281A	MAN SUPP	JUN79 1028	1-90902 \$	SEP80	10281-90807*	8L	01	38 ()1 U	SE 1640B-001 FIGHE 10281-90803
10282A	INSTALL & SERV MAN	JUL81 1G28	2-90904 /	AUG81	10282-90804	8L	01	38 ()1	
0283A	INSTALL & SERV MAN	JAN31 1028	3-90904 .	JUN81	10283-90804	8L	01	38 ()1	경기 : 시스 (1985년 - 1985년 - 1985년 김 영화 전 (1985년 - 1985년
I0284A	OPER NOTE OPER NOTE	JUN79 1028 AUG79 1028		JUL79 JUN81	10284-90802* 10284-90803			08 (38 (SE 10284A FICHE 10284-90803
0285A	OPER NOTE	SEP80 1028	5-90902	JUN81	10285-90802	8 L	01	D2 ()1	
10286 A	INSTALL & SERV MAN SERV NOTE SET BELOW 10286A-1	MAR81 1028 NOV81 WN A		APR82	10286-90801 ATION OF OPER					
10287A	OPER NOTE OPER NOTE	FEB81 1025 FEB83 1028	7-90901 J	JUN81		8L	01	38 C)1 U	SE 10287A FICHE 10287-90802
10238 A	INSTALL & SERV MAN Man Change	SEP80 1028 FEB81 1028		JUL81	10288-90801	8L	01	3 8 ()1	
10289A	USER INSTRUCT	JAN00 1028	9-90902	AUG81	10289-90802	8L	01	38 C)1	
0291A	OPER NOTE	MAY80 1029	1-90902 s	SEP80	10291-90802	8L	01	38 C)1	
0291B	OPER NOTE	MAY80 1029	90902 s	SEP80	10291-90802	8L	01	38 ()1	
0291B-001	OPER GUIDE MAN CHANGE	AUG80 1029 FEB81 1029		JUL81	10291-90803	8L	01	38 C	1	
0292A	SOFTWARE LIB	JAN00 1029	2-90901 (OCT80	10292-90801	8 L	01	08 ()1 F	OR 1640A/B & 9825A
10299A	OPER NOTE	JUN78 1029	9-90901 N	OSYAP	10299-90801	8L	01	08 ()1	
103AR	OPER & SERV MAN MAN CHANGE MAN CHANGE SERV NOTE SET BELOW	JAN62 103A FEB64 103A N.4.62 103A	.900 -960	0CT71	00103-9001		01	02 ()2	
	103AR-1 103AR/104AR-2	- S MAY65 A		-0021.	CIRCUIT CHANGE DIODE CR301	GE W	HEN	REF	LAC	ING CRYSTAL OVEN ASSY

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11478A	OPER NOTE
115AR	OPER & SER
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	SERV NOTE H20-115BR-
	115BR-1
	115BR-2
115CR	OPER & SER
	MAN CHANGE
1150A	OPER & SER
	SERV NOTE 28036-1
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11509A	OPER & SER
11517A	OPER NOTE
11518A	OPER NOTE
11519A	OPER NOTE
11520A	OPER NOTE
11521A	OPER NOTE
11530A	OPER NOTE
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	SERV NOTE 11531A-1
11549A	OPER MAN
11553A	OPER & SER
11574A	OPER MAN
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11/08/85 MODEL NUMBER	0 C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE ***	FICHE PAR NUMBER DESCRIPTION	L	T	V	G	***	DES¢.	21°770)	***	DES	CRIPT	\GE 1	5	
10300C	OPER	NOTE	AUG84	10300-99902	SEP84	10300-00-72	8L	. 01	80	01									
10301B	OPER	NOTE	MAY84	10301-90901	JUL84	10301-90801	8L	01	08	D1									
10301c	OPER	NOTE	AUG84	10301-90902	SEP84	10301~90802	8L	. Oî	08	01									
10302B	OPER	NOTE	MAY84	10302-90901	JUL84	10302-90801	8L	01	80	01									
10302C	OPER	NOTE	AUG84	10302-90902	SEP84	10302-90802	8L	. 01	08	01									
10303B	OPER	NOTE	MAY84	10303-90901	JUL84	10303-90801	8L	. 01	08	01									
10303C	OPER	NOTE	AUG84	10303-90902	SEP84	10303-90802	CL	. 01	D8 (01									
103048	OPER	NOTE	MAY84	10304-90901	JUNA	10304-90801	RI	กา	NA I	n 1									

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1/08/85 Model Number	0 C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	25.0	P T	D V		PAGE 15
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0300c	OPER	NOTE	AUG84	10300-99902	SEP84	10300-∿ -02	8L	01	08	01	
0301B	OPER	NOTE	MAY84	10301-90901	JUL84	10301-90801	8L	01	80	01	
0301c	0PER	NOTE	AUG84	10301-90902	SEP84	10301-90802	8L	01	80	01	
0302B	OPER	NOTE	MAY84	10302-90901	JUL84	10302-90801	8L	01	80	01	
ე 302c	OPER	NOTE	AUG84	10302-9J902	SEP84	10302-90802	8L	01	08	01	
0303B	OPER	NOTE	MAY84	10303-90901	JUL84	10303-90801	8L	01	08	01	
0303c	OPER	NOTE	AUG84	10303-90902	SEP84	10303-90802	8L	01	08	01	
03048	OPER	NOTE	MAY84	10304-90901	JUN84	10304-90801	8L	01	80	01	
0304C	OPER	NOTE	AUG84	10304-90902	SEP84	10304-90002	зL	01	80	01	
0305B	OPER	NOTE	MAY84	10305-90901	JUL84	10305-90801	8L	01	80		
0305C	OPER	NOTE	AUG84	10305-90902	SEP84	10305-90802	2L	01	80	01	
03068	and the second of the first of the	NOTE NOTE SET BELOW		10306-90901		10306-90801	8L	01	80	01	
	1030	68/C-1 68/C-2	SEP84	WA SER 2421A & WA SER 2421A &	APR85 BELOW.I BELOW.	MOD TO PREV M Inproper ale	ULT: SIG	PLE GEN	RE	SETS DURNING PWR-UP	
0306C	1030	NOTE SET BELOW 6B/C-1 6B/C-2	SEP84	WA SER 2421A & WA SER 2421A &	APR85 BELOW.I BELOW.	MOD TO PREV M Inproper ale	ULT: SIG	(PLE GEN	RE	SETS DURNING PWR-UP	
0307в	OPER	NOTE	MAY84	10307-90901	JUL 34	10307-90801	8L	01	80	01	
0308B	OPER	NOTE	MAY84	10308-90901	JUL84	10308-90801	8L	01	80	01	
0309B	OPER	NOTE	JUN84	10309-90901	JUL84	10309-90801	8L	01	80	01	
03108	OPER	NOTE	MAY84	10310~90901	JUL84	10310-90801	8L	01	80	01	
0310¢	()PER	NOTE	AUG84	10310-90902	OCT84	10310-90802	8L	01	80	01	
0311B	OPER	NOTE	MAYOA	10311-90901	JUL84	10311-90801	8L	01	80	01	
0311C	OPER	NOTE	AUGE4	10311-90902	OCT84	10311-90802	8L.	01	80	01	
0312C	OPER	NOTE	AUG84	10312-90902	OCT84	10312-90802	8L	01	(3	01	
0320A	OPER	NOTE	MAY84	5958-3703	OCT84	5958-3704	8L	01	80	01	
0321A	OFER	NOTE	MAY84	5958-3703	OCT84	5958-3704	8L	01	80	01	
0322A	0PER	NOTE	MAY84	10322-90901	JUL84	10322-90801	8L	01	80	01	
0323A	OPER	NOTE	MAY84	10323-90901	JUL84	10323-90801	8L	01	08		

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11588A 11589A	OPER NOTE
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11591A	OPER NOTE OPER NOTE
11592A	OPER NOTE SERV NOTE SET 11592A-1
115929	11592A-2 OPER NOTE
11593A 116	OPER NOTE OPER & SERV I
116AR	OPER & SERV I
11600B 11602B	OPER & SERV I
11604A	OPER & SERV I MAM CHANGE OPER NOTE
11605A	OPER NOTE
11607A	OPER NOTE MAN CHANGE
11608A	OPER NOTE OPER NOTE MAN CHANGE
11612A 11635A	OPER & SERV N OPER NOTE MAN CHANGE

11652A

OPER NOTE

하면하다 사람들은 사람들이 없는 것은	
나는 사이의 보면 보고를 하면 걸어 있다.	
PAGE 1	
CRIPTION ***	
생기 내려 가게 되었다는 그리고 함께 다	
하면 이 없었다. 영상병 학자 남 하네.	
교통() 2011년 : 1일	
보기 그림을 다듬다 얼마나요?	
발표를 받고 있는 호텔을 보냈다면 했다.	
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시작되면 가하다 하는 이번째 문제	
어린 사용이 되었다는 나를 그리고 있다.	. , .
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요하다 점심 경고의 나는 사람이다.	
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	;
보일시간 업무 등 연호를 된다고	
기존 내가 얼마나 하는 것이다.	
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1/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPT	FICHE DATE ION *** [FICHE PART NUMBER DESCRIPTION **	L	T	V	G	
0324A	OPER NOTE	MAY84 10324-90901	JUL84	10324-90801	8L	01	08	01	
0326A	OPER & SERV MAN	JUL82 1032690901	SEP82	10326-90801	8L	01	80	02	
03420	OPER NOTE	AUG85 10342-90902	OCT85	10342-90802	8L	01	80	01	경기 (1965년 전 경기) 전 경기 (1965년 1965년 1967년 196 1867년 - 1967년
0365A	OPER NOTE MAN CHANGE	APR70 10365-90901 APR71 10365-90901	JUL72	10365-90801		01	08	01	
0366A	OPER NOTE	NOV70 10366-90901	FEB71	10366-90801		01	08	01	
0366B	OPER NOTE	APR71 10366-90903	SEP65	10366-90803	8L	01	80	01	마이를 보고 있다. 그리고 있는 그들은 사람들은 사람들이 되었다. 1982년 - 1일 전 1982년 - 1
0367A	OPER NOTE MAN CHANGE	OCT70 10357-90901 MAY71 10357-90901	OCT85	10367-90801	8L	01	80	01	
0373A	OPER NOTE	OCT74 10373-99000	SEP85	10373-99050	8L	01	33	01	마음을 하는 것을 하는 것이 되었다. 그런 것은 것이 되었다. 그런 것이 되었다. 그런 것이 되었다.
0375A	OPER NOTE OPER NOTE	JAN75 00197-90905 MAR79 00197-90917		00197-90805* 00197-92317		01 01	80 80	01 01	USE 10375A FICHE 00197-90817 WITH 197B OPT 006
0376A	OPER NOTE OPER NOTE	DEC75 00197-90908 MAY79 10376-90901							FOR 197A OPT 008 FOR 197B CAMERA ADAPTER
0379A	OPER NOTE	NOV82 10379-90901	E8KAL	10379-90801	8L	01	80	01	
0380A	INSTALL INSTR INSTALL INSTR INSTALL INSTR	JUL83 5957-7618 MAR84 5957-7678 FEB82 5957-3282	SEP84	5957-7638 5957-7679 5957-3283	8L	01 01 01	08	01	
0380A-C04	INSTALL INSTRU	MAY85 5958-5536	JUL85	5958-5537	8L.	01	08	01	
0380A-C12	MOD SHEET	MAY85 10380-90904	JUL85	10380-90804	8L	01	80	01	
0380A-C13	MOD SHEET	MAY85 10380-90905	JUL85	10380-90805	8L	01	80	01	사용 보는 경험을 하다. 그는 보다 보고 있다는 사용 가능하는 것이 되고 있다.
0380A/C04	INSTALL INSTRUCT	NOV80 5955-8066	FEB81	5955-8067	8L	01	80	01	사용 현실에 하다가 다음이라고 있습니다. 사용한 100 전 100
0381A	INSTALL INSTR INSTALL INSTR INSTALL INSTR	JUL83 5957-7618 MAR84 5957-7678 FEB82 5957-3282	SEP84	5957-7638 5957-7679 5957-3283	8L	01 01 01	80	01	불한 민준은 내가 그렇게 하는 것들이 보면 함께 가고 있다면 하다 되었다.
03824	INSTALL INSTR INSTALL INSTR INSTALL INSTR	JUL83 5957-7618 MAR84 5957-7678 FEB82 5957-3282	SEP84	5957-7638 5957-7679 5957-3283	8L	01 01 01	08	01	
0388A	OPER NOTE OPER NOTE	AUG75 10388-90901 APR77 10388-90903		10388-90801* 10388-90803					USE 10388A FICHE 10388-90803
0389A	OPER NOTE OPER NOTE	AUG75 10389-90901 MAY76 10389-90902	SEP75 SEP83	10389-90801* 10389-90802	8L 8L	01 01	08 38	01 01	USE 10389A FICHE 10389-90802
04AR	OPER & SERV MAN MAN CHANGE	APR63 00104-9003 AUG64 00104-9003	NOV74	00104-9004		01	02	02	

11/08/8 MODEL NUMBE 11652A-11654A 11655A 11661 11661A 11661B 11664A 11664B 11664C

11665A

11665B

11666A

11/08/8 MODEL

	10382A	INSTALL INSTR	JUL83 5957-7618 MAR84 5957-7678 FEB82 5957-3282	OCT83 5957-7638 8L 01 08 01 SEP84 5957-7679 8L 01 08 01 DEC83 5957-3283 8L 01 08 01	
OS PLIES	10388A	OPER NOTE	AUG75 10388-90901	SEP75 10388-90801* 8L 01 08 01 USE 10388A FICHE 10388-90803	
	10389A		APR77 10388-90903 AUG75 10389-90901	JUL77 10388-90803 8L 01 08 01 SEP75 10389-90801* 8L 01 08 01 USE 10389A FICHE 10389-90802	
			MAY76 10389-90902	SEP83 10389-90802 8L 01 38 01	Ą
	104AR		APR63 00104-9003 AUG64 00104-9003	NOV74 00104-9004	
PAGE 2	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER	FICHE FICHE PART M P D P DATE NUMBER L T V G	
				ON *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
	10403A	OPER NOTE	JUN69 10403-99001	JAN71 10403-99801 01 08 01	
	10404A	OPER NOTE	JUN69 10404-99001	SEP85 10404-99801 8L 01 08 01	
	10405A	OPER NOTE	JAN66 10405-99001	JAN71 10405-99801 O1 08 01	
155	10407A	SERV NOTE SET BELOW 10407A-1		JAN79 PERF & ELIM OSCIL OF MODEL 180/181 OSCILLOSCOPE	1
(ZERS,	104078	OFER NOTE OPER NOTE	JAN72 10407-90902 JUN75 10407-90904	MAY72 10407-90802*	
	104083	OPER NOTE	AUG70 10408-90901	OCT84 10408-90801 8L 01 08 01	
	10409A	OPER NOTE	OCT7D 10408-90901	OCT84 10408-90801 8L 01 08 01	
	10410A	OPER NOTE	AUG70 10410-90901	JUL72 10410-90801 01 08 01	
	10411A	OPER NOTE	AUG70 10411-90902	SEP70 10411-90802 01 08 01	1
	10412A	INSTALL INSTRUCT	SEP70 10412-90901	SEP85 10412-90801 8L 01 08 01	
ORMITY FOR	10421A	OPER NOTE	JUL78 10421-90901	AUG78 10421-90801 8L 01 08 01	
	10451A	OPER NOTE	JAN00 10451-99001	DEC81 10451-99101 8L 01 08 01	
'B INSTR, ALL	10477A	OPER NOTE	MAR71 10477-90901	JUN71 10477-90801 01 08 01	
PT	10478A	OPER NOTE	MAR71 10477-90901	JUN71 10477-90801 01 08 01	
STR, ALL OPT	10479A	OPER NOTE SERV NOTE SET BELOW 10479A-1	JAN72 10479-90902/3 JUN67 ADD TWO TIL	MAY72 10479-90803 01 08 01 MAY78 F LIMIT BARS TO PREV OVERTURNING	
	10479B	OPER NOTE	JAN72 10479-90902/3	MAY72 10479-90803 01 08 01	1
	10480A	OPER NOTE	JAN72 10480-90903	MAY72 10480-90803 01 08 01	
	10480B	OPER NOTE	JAN72 10480-90904	MAY72 10480-90804 01 08 01	
	10487A	OPER NOTE OPER NOTE	DEC71 10487-96:01 MAR73 10487-90903	FEB72 10487-99801* 01 08 01 USE 10487A FICHE 10487-90904 SEP83 10487-90904 8L 01 08 01	
\S	10488A	OPER NOTE OPER NOTE	0CT71 10488-90901 0CT79 10488-90902	DEC71 10488-90801* 01 08 01 USE ,0488A FICHE 10488-90802 OCT83 10488-90802 8L 01 08 01	
	10490A	OPER NOTE	OCT72 10490-90901	AUG85 10490-90801 8L 01 08 01	-
	10491A	OPER NOTE	AUG75 10491-90902	MAY82 10491-96802 8L 01 08 01	1
	104944	INSTALL INSTRUCT	JAN00 10494-90902	MAY80 10494-90802 8L D1 D2 01 SERIAL PFX 1812A & BELOW	1
	10495A	INSTALL INSTRUCT	JAN00 10495-90903	MAY80 10495-90803 8L 01 D2 01 SERIAL PFX 1822A THRU 1936A	1
				ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	

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11/08/85 MODEL NUMBER

11664C

11665A

11665B

11666A

11/08/85 MODEL NUMBER

11667A

11668A

11672A

11673A

11683A

11687A

11690A

11691D

11692D

11693A

11694A

11697A

11697B

11697C

11698A

11699A

116994-0

117

117A

11707A

11710A

FICHE DATE H/C PART NUMBER FICHE PART M P D P NUMBER L T V G

10488A	OPER NOTE OPER NOTE		10488-90901 10488-90902		10488-90801* 10488-90802	8L)488A	FICHE	10488-9080	
10490A	OPER NOTE	OCT72	10490-90901	AUG85	10490-90801	8L	01	80	01					
10491A	OPER NOTE	AUG75	10491-90902	MAY82	10491-96802	8L	01	08	01					
10494A	INSTALL INSTRUCT	JANOO	10494-90902	MAY80	10494-90802	8L	01	D2	01	SERIA	- PFX	1812A	& BELOW	
10495A	INSTALL INSTRUCT	JANOO	10495-90903	MAY80	10495-90803	۸ı	01	D 2	Π1	SERTAI	PFY	18224	THRU 1936A	

11/08/85 PAGE 18 0 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P C NUMBER TYPE DATE NUMBER DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 10496A INSTAL INSTRUCT JAN00 10496-90902 AUG81 10496-90802 8L 01 D2 01 105A OPER & SERV MAN APR73 00105-9025 MAY83 00105-9026 8L 01 02 02 MAN CHANGE FEB83 00105-9025 105A-K07 OPER & SERV MAN AUG69 00105-91022 APR85 00105-9023 8L 01 02 01 105B OPER & SERV MAN APR73 00105-9025 MAY83 00105-9026 8L 01 02 02 MAN CHANGE FEB83 00105-9025 1051A UPER NOTE MAY72 01051-90003 SEP77 01051-90004 8L 01 04 01 MAN CHANGE MAR76 01051-90003 10511A OPER & SERV MAN MAR69 10511-90006 JAN72 10511-90007 01 04 01 10515A OPER & SERV MAN NOV69 10515-90004 OCT85 10515-90013 8L 01 04 01 1052A OPER NOTE MAY72 01051-90003 SEP77 01051-90004 8L 01 04 01 MAN CHANGE MAR76 01051-90003 10525-60015 OPER & SERV MAN FEB75 10525-90026 OCT77 10525-90027 8L 01 02 01 10525A PER & SERV MAN JAN71 10525-90005 FEB71 10525-90006 01 02 01 105252 OPER & SERV MAN FEB73 10525-90017 AUG84 10525-90028 8L 01 02 01 MAN CHANGE AUG83 10525-90017 10525H OPER & SERV MAN SEP73 10525-90021 OCT77 10525-90029 8L 01 02 01 10525T OPER & SERV MAN FEB74 10525-90022 JUN75 10525-90023* 01 02 02 USE 10525T FICHE 10525-90025 OPER & SERV MAN FEB75 10525-90024 AUG84 10525-90025 8L 01 02 01 MAN CHANGE AUG83 10525-90024 SERV NOTE SET BELOW MAY78 10525T-1 AUG73 WN SER 1120A. SOLU FOR "3" LATCHING & FIRST PULSE NONDECTION 10525T-2 JUN75 WO ALL SER. HIGHER REL INDICATOR LAMP 10525T-H05 OPER & SERV MAN JUL79 10525-90030 APR80 10525-93031 8L 01 02 01 MAN CHANGE APR79 10525-90030 10526T OPER & SERV MAN MAR74 10526-90008 AUG84 10526-90009 8L 01 02 01 AUG83 10526-90008 MAN CHANGE 10528A OPER & SERV MAN AUG74 10528-90008 SEP74 10528-90009* 01 02 01 USE 10528A FICHE 10528-90011 OPER MAN AUG80 10528-90010 NOV80 10528-90011 8L 01 02 01 10529-60014 OP/SERV MAN SUPP SEP85 10529-90008 8L 01 02 01 APR74 10529-90007 10529A OPER & SERV MAN MAY71 10529-90003 MAR73 10529-90004* 01 02 02 USE 10529A FICHE 10529-90009 MAR85 10529-90009 8L 01 02 02 OPER & SERV MAN AUG73 10529-90005 MAN CHANGE NOV84 10529-90005 SERV NOTE SET BELOW **0CT78** 10529A-2 JUN72 WN ALL SER CLIP COVER REPL.SUPER S/N 10529A-1 10533A OPER & SERV MAN APR74 05300-90017 MAR84 05300-90018 8L 01 02 02 DEC83 05300-90017 MAN CHANGE

OPTIONS

PAGE 3

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11/08/85 PAGE 19 0 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER NUMBER DATE LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

11/08/85 MODEL NUMBER

117A

11707A

11710A

11/08/85

11710A

117108

11711A

11712A

11713A

11714A

11715A

11716A

11716B

11717A

11720A

11721A

11726A

11729A

11729B

11790B

117906-63

11790B-65

117906-65

MODEL

NUMBER

IPTION ***

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10529-60014	OP/SERV MAN SUPP	APR74 10529-90007	SEP85 10529-90008 8L 01 02 01	
10529A	CPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAY71 10529-90003 AUG73 10529-90005 NOV84 10529-90005	MAR73 10529-90004* 01 02 02 USE 10529A FICHE 10529-90009 MAR85 10529-90009 8L 01 02 02	
	SERV NOTE SET BELOW 10529A-2		OCT78 P COVER REPL.SUPER S/N 10529A-1	
10533A	OPER & SERV MAN MAN CHANGE	APR74 05300-90017 DEC83 05300-90017	MAR84 05300-90018 8L 01 02 02	
11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTION	PAG FICHE FICHE PART M P D P DATE NUMBER L T V G ON *** DESCRIPTION *** DESCRIPTION *	E 19
10536A	OPER & SERV MAN SERV NOTE SET BELOW	MAR75 10536-90006	ОСТ77 10536-90007 8L 01 02 01 ОСТ78	

PTIONS

PAGE 4

PTION ***

PTIONS

PAGE 5

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	FICHE PART NUMBER DESCRIPTION ***	L	P T DES(٧	P G TIOI	N *** DESCRIPTION *** DESCRIP	PAGE 19 PTION ***
10536A	OPER & SERV MAN SERV NOTE SET BELOW 10538A-1		10536-90006 WA SER BELOW 200	OCT78	10536-90007 TO CORREC P1				01 EAT		
10538A	OPER & SERV MAN	FEB70	10538-90003	OCT77	10538-90004	8L	01	02	01		
10542A	OPEN & SERV MAN	OCT73	10542-90004	ост77	10542-90005	8L	01	02	01		
10550A	OPER & SERV MAN	FEB72	05525-90014	AUG74	05525-90020		01	02	04		
105508	INSTRUCT MAN Instruct man		10550-90007 10550-90009		10550-90008* 10550-90010		01 01	02 02	01 01	USE 10550B FICHE 10550-90010	
10552A	OPER HANDEOOK SUFP MAN CHANGE		10552-90005 10552-90005	JUL81	10552-90006	8L	01	02	01		
10555A	MAN SUPP MAN CHANGE		05525-90016 05525-90016	JAN78	05525-90022	8L	01	02	01		
10556A	INSTRUCT MAN SERV NOTE SET BELOW	DEC72	10556-90004		10556-90005	8L	01	02	01		
	10556A-1	NOV82	WA SER 1208A034	APR83	ELOW.MISFITTI	NG 0)F	ETR	ORE	FLIECTORS INTO ANGULAR MOUNT:	
10557A	INSTRUCT MAN	JUL77	10557-90007	AUG77	10557-90008	8L	01	02	01	역 성도 발표 등에 가능한 발표는 경기 원급 함 작용하는 소설 : 1	
10558A	INSTRUCT MAN	JAN73	10558-90005	ост77	10558-90006	8L	01	02	01		
10559A	INSTRUCT MAN	JUL77	10559-90006	AUG77	10559-90007	8L	01	02	01		
10562A	OPER NOTE	JAN80	10562-90001	MAR80	10562-90002	8L	01	02	01		
10562A-001	OPER NOTE	JAN80	10562-90001	MAR80	10562-90002	8 L	01	02	01		
10565B	INSTRUCT MAN INSTRUCT MAN MAN CHANGE	MAY77	10565-90007 10565-90009 10565-90009	JUL74 FEB80	10565-90008* 10565-90010	8L	01 01	02 02	01 01	USE 10565B FICHE 10565-90010	
10567A			10567-90005 10567-90008	FEB80 AUG81	10567-90006* 10567-90009	8L 8L	01 01	02 02	01 1 01	USE 10567A FICHE 10567-90009	
10569A	MAN SUPP 5525A/B/6A	OCT71	05505-90007	OCT75	05505-90009	8L	01	02	01		
10579A	SERV NOTE SET BELOW 10579A-1		WA SER 1328 ONL	OCT78 Y.IMPR	FREQ MULTI BO	DARD)				
10580A	INSTRUCT MAN SERV NOTE SET BELOW	SEP79	10580-90002 10580-90007	OCT79 JUL84	10580-90008	8L	01	02	01	USE 10580A FICHE 10580-90008	
	10580A/10753A	MAR84	WN ALL SER.REPL			5264	\/55	28/	LA	SER SYSTEM)	
10581A	INSTRUCT MAN	JUL75	10581-90003	DEC77	10581-90004	8L	01	02	01		
10583A	OPER NOTE	AUG75	10583-90003	DEC77	10583-90004	8L	01	02	01		

11/08/85 MODEL PAGE 20 H/C DATE 0 LITERATURE H/C PART NUMBER FICHE FICHE PART M P D P NUMBER TYPE DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 10585A USER'S MAN APR80 10585-90003 APR81 10585-90004 8L 01 02 02

11/08/85 MODEL NUMBER 120A/B

11790B

117908-630

117908-650

117908-659

11/08/85 MODEL

11792A

11850A

118508

11851A

11854A

11859A

11859B

11860A

11861A

11863D

11863E

11864A

11867A

11869A

11870A

11873A

11975A

120A/B

120A

11850A-H26

118

NUMBER

10580A	INSTRUCT MAN INSTRUCT MAN SERV NOTE SET BELOW 10580A/10753A		OCT79 JUL84	10580-90003* 8L 01 02 01 USE 10580 10580-90008 8L 01 02 01 (USED WITH 5526A/5528A LASER SYSTE	
10581A	INSTRUCT MAN	JUL75 10581-90003	DEC77	10581-90004 8L 01 02 01	
10583A	OPER NOTE	AUG75 10583-90003	DEC77	10583-90004 8L 01 02 01	의 등실하는 것도 마음 등록 한 등실 등에 다시는 물을 받았다. 다음 그는 일당은 한 일반 기를 받아 돌아왔다. 그는 것 같다.

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PAGE 6

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11/08/85 MODEL NUMBER 120A/B 120AR-H13 120B 120B-H77 1200A 1200A/B 1200B 1201A 1201A/B

120A

120A/B

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11/08/85
                                                                                                                         PAGE 20
  MODEL
                    LITERATURE
                                    H/C
                                             H/C PART
                                                         FICHE
                                                                 FICHE PART M P D P
  NUMBER
             C
                       TYPE
                                    DATE
                                              NUMBER
                                                         DATE
                                                                             LTVG
                                                                    NUMBER
                                          *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
10585A
               USER'S MAN
                                   APR80 10585-90003
                                                          APR81 10585-90004 8L 01 02 02
               MAN CHANGE
                                   MAR81 10585-90003
               SERV NOTE SET BELOW
                                                          JUL82
               10585-1
                                   APR82 WO SER 2040 &
                                                       BELOW; SOFTWARE CORREC OF PROG ANOMALY
10586A
               OPER NOTE
                                   JAN80 10586-90001
                                                          MAR80 10586-90002 8L 01 02 01
               OPER NOTE
                                   MAR82 10586-90008
                                                          SEP84 10586-90009 8L 01 02 01
10590A
               OPER & SERV MAN
                                                          DEC84 10590-90005 8L 01 02 02
                                   MAR74 10590-90004
               MAN CHANGE
                                   OCT84 10590-90004
               SERV NOTE SET BELOW
                                                          OCT78
               10590A-1
                                   JUL77 WO SER 1628, A-1BD(10590-6001) REV A. ERRONEOUS CIRCUIT TRACE
10593B
               OPER NOTE
                                   MAR74 10593-90003
                                                          APR74 10593-90006
                                                                                01 02 01
106A
                                   JUN65 00106-9029
               OPER & SERV MAN
                                                          SEP70 00106-9030
                                                                                01 02 02
               MAN CHANGE
                                   OCT67 00106-9029
106B
               OPER & SERV MAN
                                   JUN65 00106-9029
                                                          SEP70 00106-9030
                                                                                01 02 02
               MAN CHANGE
                                   OCT67 00106-9029
10618A
               OPER & SERV MAN
                                   OCT70 10618-90005
                                                          DEC70 10618-90006
                                                                                01 02 02
10625A
               NOTE
                                   JUL73 10625-90003
                                                          JAN76 10625-90004 8L 01 02 01
               MAN SUPP
10626A
                                   JUN69 10626-90002
                                                          APR81 10626-90003 8L 01 02 01
               MAN CHANGE
                                   OCT71 10626-90002
               SERV NOTE SET BELOW
                                                          OCT78
               10626A-2
                                   OCT71 WN SER BELOW 956.DMI-DMA COMPATIBILITY.SUPERSEDES 10626A-1
10631A/B/C
               SERV NOTE SET BELOW
                                                          OCT78
               10631A/B/C-2
                                   DEC75 WO REC REPL PARTS.SUPER 10631A/B/C-1
                                                                                  *** REPL BY 10631A/B/C-3
                                                                                                                              1078
               10631A/B/C/D-3
                                   MAY77 WO RECMD REPLACEABLE PTS HP-IB CABLES
10638A
               OPER & SERV MAN
                                   SEP73 10638-90002
                                                          FEB79 10638-90004 8L 01 02 01
               MAN CHANGE
                                   JAN79 10638-90002
10671A
               CONVERSION PROCED
                                   SEP73 05451-90098
                                                         DEC77 05451-90483 8L 01 02 01
10672A
               CONVERSION PROCED
                                   SEP73 05451-90098
                                                          DEC77 05451-90483 8L 01 02 01
10673A
               OPER & SERV MAN
                                   JUL72 10673-90001
                                                          JUL75 10673-90008 8L 01 02 01
10674A
               MAN SUPP
                                   JUL72 10674-90001
                                                          JUL75 10674-90006 8L 01 02 01
10686A
               INSTALL NOTE
                                   AUG74 10686-90003
                                                         OCT74 10686-90004* \ 01 02 01 USE 10686A FICHE 10686-90006
               INSTALL NOTE
                                   APR77 10686-90005
                                                         DEC77 10686-90006 8L 01 02 01
10692A
               OPER NOTE
                                   JUN75 10692-90001
                                                         JUL75 10692-90004* 35 01 02 01 USE 10692B FICHE 10693-90003
10692B
               OPER NOTE
                                   AUG75 10692-90002
                                                         OCT77 10692-90003* 8L 01 02 01 USE 10692B FICHE 10692-99008
               OPER NOTE
                                   FEB80 10692-90007
                                                         MAR80 10692-90008 8L 01 02 01
               SERV NOTE SET BELOW
                                                         OCT78
                                   NOV75 WO ALL SER.PERIODIC SPECIFICATION CHECK
               10692B-1
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11/08/85
                                                                                                                          PAGE 21
  MODEL
             0
                    LITERATURE
                                    H/C
                                             H/C PART
                                                          FICHE
                                                                 FICHE PART M P D P
  NUMBER
             C
                       TYPE
                                              NUMBER
                                    DATE
                                                          DATE
                                                                    NUMBER
                                                                             LTVG
                                          *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
10693A
                                                         DEC76 10693-90003* 8L 01 02 01 USE 10693A FICHE 10693-90007 0CT77 10693-90005 8L 01 02 01
               OPER NOTE
                                   JAN76 10693-90002
               MAINT NOTE
                                   JAN76 10693-90004
                                   OCT78 10693-90006
               OPER NOTE
                                                          FEB80 10693-90007* 8L 01 02 01 USE 10693A FICHE 10693-90009
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1201B

NOV75 WO ALL SER.PERIODIC SPECIFICATION CHECK

1201B

11/08/85 PAGE 21 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P NUMBER TYPE DATE NUMBER DATE NUMBER LTV *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 10693A OPER NOTE JAN76 10693-90002 DEC76 10693-90003* 8L 01 02 01 USE 10693A FICHE 10693-90007 MAINT NOTE JAN76 10693-90004 OCT77 10693-90005 8L 01 02 01 OPER NOTE OCT78 10693-90006 FEB80 10693-90007* 8L 01 02 01 USE 10693A FICHE 10693-90009 OPER NOTE JAN81 10693-90008 MAR81 10693-90009 8L 01 02 01 10697A-056 INSTALL NOTE OCT76 05451-90444 APR77 05451-90445 8L 01 02 01 106974-057 INSTALL NOTE OCT76 05451-90444 APR77 05451-90445 8L 01 02 01 10697B INSTAL/OP DEMO NOTE MAR75 05451-90253 FEB85 05451-90254 8L 01 02 01 INSTAL/OP DEMO NOTE APR75 05451-90259 APR85 05451-90260 8L 01 02 01 INSTAL/OP/SERV NOTE MAR75 05451-90263 FEB85 05451-90264 8L 01 02 01 INSTAL/OP/SERV NOTE AUG75 05451-90319 AUG75 05451-90320 8L 01 02 01 INSTAL/OP DEMO NOTE SEP75 05451-90337 OCT75 05451-90338* 8L 01 02 01 USE 54420A-620 FICHE 05451-90443 OPER/SERV NOTE NOV75 05451-90348 JAN76 05451-90349 8L 01 02 01 INSTALL & OPER DEMO APR76 05451-90387 DEC76 05451-90388# 8L 01 02 01 USE 5451C-402/403 FICHE 05451-90507 SERV NOTE SET BELOW APR79 MAR76 WN OPTIONS 402,03, OR 442. CHTRL OF ANALOG X-Y PLOTR PEN LIFT BY MODAL ANALYSIS II 5460A-2/10697B-1 CONT'D SOFTWARE IN 5451B SYSTEM 10697B-056 INSTALL NOTE OCT76 05451-90444 APR77 U5451-90445 8L 01 02 01 10697B-057 INSTALL NOTE OCT76 05451-90444 APR77 05451-90445 8L 01 02 01 10697c-s60 INSTALL NOTE APR79 05451-90538 JUN79 05451-90539 8L 01 02 01 FOR 5466B ADC 10697C-046 INSTALL NOTE JUN79 05451-90539 8L 01 02 01 FOR 5466B ADC APR79 05451-90538 10698A CONVERSION PROC MAR74 10698-90003 SEP85 10698-90004 8L 01 02 01 107AR OPER & SERV MAN AUG65 00107-9004 JAN71 00107-9009 01 02 02 MAN CHANGE AUG70 00107-9004 107BR OPER & SERV MAN AUG65 06197-9004 JAN71 00107-9009 01 02 02 MAN CHANGE AUG70 00107-9004 10708A OPER & SERV MAN JAN80 10708-90001 MAR80 10708-90002 8L 01 02 01 10708B OPER & SERV MAN JAN80 10708-90001 MAR80 10708-90002 8L 01 02 01 10712A OPER & SERV MAN JAN80 10712-90001 MAR80 10712-90002 8L 01 02 01 10714A OPER & SERV MAN JANEO 10714-90001 JUL81 10714-90002 8L 01 02 01 MAN CHANGE MAY81 10714-90001 10722A INSTRUCT MAN JAN8() 10722-90001 MAR80 10722-90002 8L 01 02 01 10727A OPER NOTE JAN80 10727-90001 MAR80 10727-90002 8L 01 02 01 10729A MAR80 10729-90002 8L 01 02 01 OPER & SERV MAN DEC79 10729-90001 10740A OPER & SERV MAN JUN77 10740-90002 MAY79 10740-90003* 8L 01 02 01 USE 10740A FICHE 10740-90005 OPER & SERV MAN JAN80 10740-90004 JUL81 10740-90005 8L 01 02 01 MAN CHANGE MAY81 10740-90004

11/08/85 MODEL NUMBER 1202A 1202A/B 1202B 1205A 1205A/B 1205B 1206A 1206A/B 1206B 1207A

PAGE 7

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11/08/85 MODEL 0 LITERATURE NUMBER C TYPE

OPER NOTE

MAN CHANGE

TEMP OP & SERV MAN

10741A

10742A

106928-1

H/C DATE

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MAY74 10741-90005

JUN74 10741-90005

JUL75 10742-90001

FICHE FICHE PART M P D P DATE NUMBER L T V G

MAY82 10741-90007 8L 01 02 01

MAY81 10742-90003 8L 01 02 01

11/08/85 MODEL NUMBER

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1207A/B

1207A/B

10729A	OPER	& SERV	/ MAN	DEC79 1	0729-90001	MAR80	10729-90002	8L 0	1 02	01				
10740A	OPER	& SERV	MAN	JUN77 1	0740-90002	MAY79	10740-90003*	Si O	1 02	N1 1191	107404	ETCUE	10740-0000	
	OPER	& SERV		JAN80 1	0740-90004	JUL81	10740-90005	8L 0	1 02	01 03.	אטרוטו	LTCUE	10140-7000	
	MAN	CHANGE		MAY81 1	0740-90004									

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11/08/85
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  MODEL
                    LITERATURE
                                             H/C PART
                                    H/C
                                                         FICHE
                                                                 FICHE PART M
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                                          *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
10741A
               OPER NOTE
                                   MAY74 10741-90005
                                                         MAY82 10741-90007 8L 01 02 01
               MAN CHANGE
                                   JUN74 10741-90005
10742A
               TEMP OP & SERV MAN
                                   JUL75 10742-90001
                                                         MAY81 10742-90003 8L 01 02 01
               MAN CHANGE
                                   MAR75 10742-90001
10745A
               OPER & SERV MAN
                                   AUG75 10745-90003
                                                         MAY79 10745-90004* 8L 01 D2 02 USE 10745A FICHE 10745-90006
               OPER & SERV MAN
                                   JAN81 10745-90005
                                                         MAR85 10745-90006 8L 01 02 02
               MAN CHANGE
                                   MCV84 10745-90005
10746A
               OPER & SERV MAN
                                   DEC75 10746-90002
                                                         DEC77 10746-90003* 8L 01 02 02 USE 10746A FICHE 10746-90005
               OPER & SERV MAN
                                   DEC78 10746-90004
                                                         JUN85 10746-90005 8L 01 02 01
               MAN CHANGE
                                   FEB85 10746-90004
               SERV NOTE SET BELOW
10752A/B/C
                                                         OCT85
               10752A/B/C-1
                                   APR85 WN ALL SER.REC REPL'S
10753A
               SERV NOTE SET BELOW
                                                         JUL84
               10580A/10753A
                                   MAR84 WN ALL SER.REPL PARTS (USED WITH 5526A/5528A LASER SYSTEM)
10755A
               OPER & SERV MAN
                                   APR77 10755-90004
                                                         APR77 10755-90005* 8L 01 02 01 USE 10755B FICHE 10755-90007
10755B
               OPER & SERV MAN
                                   JAN81 10755-90006
                                                         MAR81 10755-90007 8L 01 02 01
               MAN CHANGE
                                   FEB81 10755-90006
               OPER & SERV MAN
                                   FEB83 10755-90011
                                                         DEC84 10755-90012 8L 01 02 01
               MAN CHANGE
                                   SEP84 10755-90011
10756A
               OPER & SERV MAN
                                   AUG75 10756-90002
                                                         FEB84 10756-90003 8L 01 02 02
               MAN CHANGE
                                   JAN82 10756-90002
10760A
                                   AUG75 10760-90002
               OPER & SERV MAN
                                                         AUG75 10760-90003* 8L 01 02 02 USE 10760A FICHE 10760-90005
               OPER & SERV MAN
                                                         NOV77 10760-90005* 8L 01 02 02 USE 10760A FICHE 10760-90007
                                   SEP77 10760-90004
                                                         MAY80 10760-90007* 8L 01 02 02 USE 10760A FICHE 10760-90009
               OPER & SERV MAN
                                   SEP79 10760-90006
               OPER & SERV MAN
                                   OCT80 10760-90008
                                                         JUN85 10760-90009 8L 01 02 02
               MAN CHANGE
                                   NOV84 10760-90008
10761A
               OPER & SERV MAN
                                   SEP79 10761-90004
                                                         JAN80 10761-90005* 8L 01 02 01 USE 10761A FICHE 10761-90008
               OPER & SERV MAN
                                   FEB83 10761-90007
                                                         AUG84 10761-90008 8L 01 02 01
               MAN CHANGE
                                   JUL84 10761-90007
               SERV NOTE SET BELOW
                                                         APR79
               10761A-1
                                   AUG78 WA SER BELOW 1712.MOD TO ELIM SIG TIMING PROBLEMS.
10762A
               OPER & SERV MAN
                                   DEC77 10762-90005
                                                         JAN78 10762-90006* 8L 01 02 01 USE 10762A FICHE 10762-90008
               OPER & SERV MAN
                                   OCT78 10762-90007
                                                         NOV78 10762-90008 8L 01 02 01
10763A
               OPER & SERV MAN
                                   DEC76 10763-90001
                                                         JUN85 10763-90003 8L 01 02 02
               MAN CHANGE
                                   SEP84 10763-90001
10764A
               OPER & SERV MAN
                                   MAR79 10764-90006
                                                         MAR79 10764-90007 8L 01 02 01
10764B
               OPER & SERV MAN
                                   JAN79 10764-90004
                                                         MAR80 10764-90005* 8L 01 02 01 USE 10764B FICHE 10764-97009
                                                         JAN82 10764-90009* 8L 01 02 01 USE 10764B FICHE 10764-90013
               OPER & SERV MAN
                                   MAR80 10764-90008
                                   APR82 10764-90012
               OPER & SERV MAN
                                                         JUL82 10764-90013 8L 01 02 01
               SERV NOTE SET BELOW
                                                         APR85
               10764B/C-1
                                   DEC84 WA ALL SER. REC REPL CAP ON FAST PULSE CON
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11/08/85 O LITERATURE	H/C H/C PART	FICHE FICHE PART	M P D P		PAGE 23
NUMBER C TYPE	DATE NUMBER	DATE NUMBER	LTVG		
	*** DESCRIPTIO)N *** DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
10764C OPER & SERV MAN	NOV83 10764-90016	MAR85 10764-90017 8	BL 01 02 02		
MAN CHANGE SERV NOTE SET BELOW	NOV84 10764-90016	APR85	일 사는 기는 환경으로 함께 보다. 발표를 하는 사람들은 사람들이 함께		경기 등 경기 (1) 등 경기 (1) 로마르크를 다는 것으로 함께 (2) 경기를 들었다는 것이 되는 것은 것을 했다는 것이 있는 것 같습니다.
10764B/C-1	DEC84 WA ALL SER.REC		SE CON		

11/08/85 MODEL NUMBER 1215A/B 1215AB 1215B

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1/08/85 Model Number	O LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE)N ***	NUMBER	L	T V	G	PAGE 23 *** DESCRIPTION *** DESCRIPTION ***
)764C	GPER & SERV MAN Man Change		10764-90016 10764-90016	MAR85	10764-90017	8L 0	1 02	02	
	SERV NOTE SET BELOW 10764B/C-1	The state of the s	WA ALL SER-REC	APR85 REPL C		LSE C	ON		
0780A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR8D JAN82	10780-90004 10780-90006 10780-90009 10780-90009	MAY80	10780-90005* 10780-90007* 10780-90010	8L 0	1 02	01 US	SE 10780A FICHE 10780-90007 SE 10780A FICHE 10780-90010
	SERV NOTE SET BELOW 10780A-1	DEC77	WO SER BELOW 16	APR79		M DEG	RADA	TION O	OF OUTPUT SIG DUTY CY AT LOW SIG LEVELS
0781A	OPER & SERV MAN Man Change		10781-90004 10781-90004	JAN83	10781-90005	8L 0	1 02	01	
0783A	OPER & SERV MAN Man Change		10783-90003 10783-90003	JUL81	10783-90004	8L 0	1 02	01	
0791A	INSTALL MAN	NOV83	10791-90001	FEB84	10791-90005	8L 0	1 02	01	
0791B	install man	NOV83	10791-90001	FEB84	10791-90005	8L 0	1 02	01	
0791C	INSTALL MAN	NOV83	10791-90001	FEB84	10791-90005	8L 0	1 02	01	
0810A	INSTRALL INSTRUC ADDEN TO 0 & S MAN		10810-90003 10810-90006		10810-90004 10810-90007				
0810B	ADDEN TO 0 & S MAN	MAY78	10810-90006	SEP85	10810-90007	8L 0	1 02	01	
10811A	OPER & SERV MAN Man Change		10811-90002 10811-90002	MAR85	10811-90003	8L 0	1 02	02	
10811B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW		10811-90002 10811-90002		10811-90003	8L 0	1 02	02	
	10811B-1	NOV82	WO SER 2216A017	APR83		FOR	FLEX	CIRCU	IIT ASSY P/N 10811-40014
10830A	OPER & SERV MAN MAN CHANGE	1000	10830-90002 10830-90002	AUG84	10830-90003	8L 0	1 02	02	
10831A	OPER & SERV MAN Man Change	and the first the same of the same of	10831-90002 10831-90002	NOV79	10831-90003	8L 0	1 02	01	
0842A	INSTALL NOTE	JAN84	10842-90004	JUL84	10842-90005	8L 0	1 02	01	
0855A	OPER & SERV MAN MAN CHANGE		10855-90001 10855-90001	MAR84	10855-90002	8L 0	1 02	01	
0857A	OPER & JERV MAN	AUG84	05334-90011	NOV84	05334-90012	8L 0	1 02	02	
0870A	INSTALL NOTE	MAY78	10870-90002	JUL84	10870-90003	8L 0	1 02	01	
0905A	INSTALL NOTE	FEB77	10905-90007	APR77	10905-90008	8L 0	1 02	01	·문학회학 (1985년 1985년 1986년 1 1986년 1986년 1

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPT:	PAGE 24 FICHE FICHE PART M P D P DATE NUMBER L T V G ION *** DESCRIPTION *** DESCRIPTION ***	
10920A	OPER & SERV MAN Man Change	NOV78 10920-90003 MAY81 10920-90003	JUN81 10920-90004 8L 01 02 03 FOR 5420A DIGITAL SIGNAL ANALYZER	
10921-60004	4 OPER & SERV MAN	FEB81 10921-90005	JUL81 10921-90007 8L 01 02 02	
10921A	MODULE MAN Man Change	SEP77 10921-90003 APR79 10921-90003	AUG79 10921-90004 8L 01 02 01	

108/0A	Install	NOTE	MAY78	10870-90002	JUL84	10870-90003	8L 01 02 01
10905A	INSTALL	_ NOTE	FEB77	10905-90007	APR77	10905-90008	8L 01 02 01

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	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE V ***	NUMBER	L	T	V	G		RIPTION	PAGE 24 1 *** DESCRIPTION ***
10920A	OPER & SERV MAN MAN CHANGE		10920-90003 10920-90003									SIGNAL ANALYZER
10921-60004	OPER & SERV MAN	FEB81	10921-90005	JUL81	10921-90007	8L	01	02	02			
10921A	MODULE MAN MAN CHANGE		10921-90003 10921-90003	AUG79	10921-90004	8L	01	02	01			
10960A	INSTAL/OP/SERV NOTE	MAR76	05425-90306	DEC76	05425-90307	8L	01	02	01			
110A	INSTRUCTIONS	JANOO	00110-90500	NOV74	00110-90502		01	21	01			
11000A	OPER NOTE	NOV78	11000-90001	MAR79	11000-90051	8L	01	09	01			
11001A	OPER NOTE	NOV78	11000-90001	MAR79	11000-90051	8L	01	09	01			
1002A	OPER NOTE	NOV78	11000-90001	MAR79	11000-90051	8L	01	09	01			
11003A	OPER NOTE	NOV78	1100090001	MAR79	11000-90051	8L	01	09	01			
11004A	OPER NOTE	OCT74	11004-90001	SEP85	11004-90051	8L	01	09	01			
11005A	OPER NOTE OPER NOTE		11005-90000 11005-90003		11005-90050* 11005-90053	8L		09 09		USE 11005A	FICHE	11005-90053
11028A	OPER NOTE	SEP66	11028-90001	SEP85	11028-90051	8L	01	09	01			
103A	OPER & SERV MAN Man Change		01103-90901 01103-90901	MAR75	01103-90801		01	80	01			
11035A	OPER NOTE	NOV78	11000-90001	MAR79	11000-90051	8L	01	09	01			
11036A	OPER NOTE	JUL74	11036-90003	SEP85	11036-90057	8L	01	09	01			
11039A	OPER NOTE	JANOD	11039-90002	SEP85	11039-90052	8L	01	09	01			
1104A	OPER NOTE SERV NOTE SET BELOW 1104A-1	OCT68 FEB68	01104-90903 REVISED BIAS	0CT78		8L	01	80	01			
11040A	OPER NOTE	JUL74	11040-90002	SEP85	11040-90057	8L	01	09	01			이 이 왕으로 보는 사람이 모르겠다. 영 시간 이 경우 등 경우 등 전기를 받을 것
11044A	OPER NOTE	APR73	11044-90003	SEP35	11044-90053	8L	01	09	01			
11045A	OPER NOTE	APR73	11044-90003	SEP85	11044-90053	8L	01	09	01			
11046A			11046-90000 11046-90001		11046-90050* 11046-90051		01 01	09 09	01 01	USE 11046A	FICHE	11046-90051
11047A	OPER NOTE	APR77	11047-90003	AUG77	11047-90053	8L	01	09	01			
110 4 9A	OPER & SERV MAN OPER & SERV MAN	OCT79 SEP80	11049-90001 11049-90002 11049-90003 11049-90004	MAY80 NOV80	11049-90051* 11049-90052* 11049-90053* 11049-90054*	8L 8L	01	09	01 01	USE 11049A USE 11049A	FICHE FICHE	11049-90054

11/08 MOD NUM	EL 0	LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE)N ***	FICHE PART NUMBER DESCRIPTION *	LT	D P V G Cription	*** DES	CRIPTION ***		NGE 25
11049	A OPE	R & SERV MAN	MAY84	11049-90005	SEP84	11049-90055	8L 01	09 01				
1105A	OPE SER	R NOTE R NOTE IV NOTE SET BELOW 15A-1	FEB77	01105-90904 5955-2714 REPLACEMENT	FEB85 OCT78		8L 01		SE 1105A	FICHE 5955-	2715	
11050	A constant of NDE	D & CEDU MAN	14177	11040_0001	1111 77	14040_000644	n.	00 04 H	<u>np 440pa</u>		A AAAPA	

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11/08/85 MODEL NUMBER

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	OEKA WWA		11047-70002	MATOU	11047-70052*	8L U1 (ט רט ענ	ISE 11U4YA	FICHE 11049-9	<i>)</i> 0053
OPER 8	SERV MAN	SEP80	11049-90003	NOV80	11049-90053*	81 01 (19 N1 II	SF 11040A	FTCHE 11040-0	20056
	SERV MAN		11049-90004							
OLEK 6	I DEVA LIVIA	INCAC	1 11047 70004	35702	11049-90054*	OL UI ()7 UI U	ISE TTUAYA	FICHE TIUSY-Y	ノレレンン
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11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	T	V	6	/* N(* DESC	RIPTI(ON *** DESCRIPT	PAGE 25
11049A	OPER & SERV MAN	MAY84	11049-90005		11049-90055	477	•							
1105A	OPER NOTE SERV NOTE SET BELOW		01105-90904 5955-2714 REPLACEMENT	FEB85 OCT78	01105-90804* 5955-2715	8L	01 01	80 80	01 01	USE	1105A	FICHE	5955-2715	
11050A	OPER & SERV MAN OPER & SERV MAN	OCT79 SEP80 NOV81	11049-90001 11049-90002 11049-90003 11049-9000& 11049-90005	MAY80 NOV80 SEP82	11049-90051* 11049-90052* 11049-90053* 11049-90054* 11049-90055	8L 8L 8L	01 01 01	09 09	01 01 01	USE	11050A 11050A	FICHE	E 11049-90054	
11051A	OPER & SERV MAN OPER & SERV MAN	OCT79 SEP80 NOV81	11049-90001 11049-90002 11049-90003 11049-90004 11049-90005	MAY80 NOV80 SEP82	11049-90051* 11049-90052* 11049-90053* 11049-90054* 11049-90055	8L 8L 8L	01 01 01	09 09 09	01 01 01	USE	11050A 11051A	FICHE	E 11049-90053 E 11049-90054	
11056A		**	11056-90002 11056-90003		11056-90052* 11056-90053		01 01	09 09	01 01	USE	11056A	FICHE	11056-90053	
11057A	OPER NOTE	OCT70	11056-90002	SEP71	11056-90052*		01	09	01	USE	11056A	FICHE	11056-90053	
1106A	OPER NOTE	0CT68	01104-90903	APR85	01104-90803	8L	01	08	01					
1106A/B	SERV NOTE SET BELOW 1106A/B-1B/1108A-1A		HO ALL SER.REPA	OCT78 IR POL	ICY									
11068			01105-90904 5955-2714		01105-90804* 5955 - 2715		01 01	80 80	01 01	USE	1106B	FICHE	5955-2715	
11066A	OPER NOTE	JUL65	11066-90000	NOV71	11066 90050		01	09	01					
1107A	OPER NOTE	JUL70	01107~90901	OCT70	01107-90801		01	80	01					
11074A	OPER NOTE	JUL75	11074-90001	AUG75	11074-90051	8L	01	09	01					
11075A	OPER NOTE OPER NOTE		11075-90001 11075-90002	JUL75 0CT83	11075-90051* 11075-90052	8L 8L	01 01	09 09	01 01	USE	11075A	FICHE	11075-90052	
11076A	OPER NOTE OPER NOTE		11075-90001 11075-90002	JUL75 0CT83	11075-90051* 11075-90052	8L 8L	01 01	09 09	01 01	USE	11076A	FICHE	E 11075-90052	
1108A	of the following that will be a first the first first the first term of the first te	MAY72 FEB77	01104-90903 01105-90904 5955-2714 WO ALL SER.REPA	JUN75 FEB85 OCT78	01104-90803 01105-90804* 5955-2715	•	01	08 08 08	01	USE	1108A	FICHE	5955-2715	
11086A	[일하고 <u>일본</u> : 발발하는 보다 하고 있는 것은		11000-90001		11000-90051	8L	01	09	01					
11098			01109-90901 01109-90902	SEP74 FEB85	01109-90801* 01109-90802	8L	01 01	08 08	01 01	USE	1109B	FICHE	01109-90802	

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 26 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
11096B	OPER NOTE OPER NOTE	JANOO 11096-90005 AUG77 11096-90055* 8L 01 09 01 USE 11096B FICHE 11096-90056 MAR78 11096-90006 0CT78 11096-90056 8L 01 09 01	
11097A	OPER NOTE	OCT68 11097-90001 APR82 11097-90051 8L 01 09 01	
11098A	OPER NOTE	OCT68 11098-90001 APR82 11098-90051 8L 01 09 01	
1110A	OPER NOTE	NOV74 01110-90903 FEB85 01110-90803 8L 01 08 01	

M	08/85 ODEL UMBER	O C	
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SER 127

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SER 127 CO

SER 127

SER 128

11/08/85 MODEL NUMBER

1222A

1223A

123A

1230A

12533A

12534A

12550A

12564A

12567A

12661A

12722A

12723A

12750B

12770A

12797A

1/08/85 MODEL NUMBER	0 C	LITERATURE TYPE	H/C DATE		FICHE DATE	NUMBER	L	T	V	P	[[마리토리]] [[[마리토리 [[마리토리 [[րու
1096B		NOTE	JANOO	11096 - 90005					147%	150	ON *** DESCRIPTION *** DESCRIPTION *** USE 11096B FICHE 11096-90056
	OPER	NOTE	MAR78	11096-90006	OCT78	11096-90056	8L	01	09	01	
1097A	OPER	NOTE	0CT68	11097-90001	APR82	11097-90051	8L	01	09	01	사용하는 발생한 그는 이름이고 있으면 하는데, 이름 수 있다는 사용하는데 이름 수 사용하는데, 이름도 하는데, 이름도 하는데, 사용하는데, 이름도 있었다. 생각된
1098A	OPER	NOTE	OCT68	11098-90001	APR82	11098-90051	8L	01	09	01	
110A	OPER	NOTE	NOV74	01110-90903	FEB85	01110-90803	8L	01	08	01	
110B		NOTE NOTE		01110-90904 01110-90905	AUG81 JUL82	01110-90804* 01110-90805	8L 8L	01 01	80 80	01 01	USE 1110B FICHE 01110-90805
111A		& SERV MAN		01111-90902	AU670	01111-90802		01	08	01	FOR SERIAL PEXES 441- & ABOVE
	OPER SERV	CHANGE & SERV MAN NOTE SET BELOW A-1A		01111-90902 01111-99001 RECOMMENDED	JUL80	01111-99801 REFLACEMENT		01	08	01	FOR SERIAL PEXES 343- & BELOW
112A	OPER	& SERV MAN Change	JUL78	01112-90901 01112-90901		01112-90801	8 L	01	80	01	
1122A	OPER	NOTE	AUG73	11122-90001	SEP85	11122-90051	8L	01	09	01	된다. 하는 방안 들었는 이번에 가지를 받고 있다. 이번에 살으로 보고 있습니다. 이 이 사람들은 이번에 되는 사람들이 살 보고 있는 것이다. 그렇게 보는 것은
1129A	OPER	NOTE	NOV75	11129-90000	DEC75	11129-90050	8L	01	09	01	
1133A	OPER	NOTE	JUN78	11133-90000	OCT78	11133-90050	8L	01	09	01	
1133A-CO2	OPER	NOTE	JUN78	11133-90000	OCT78	11133-90050	8L	01	09	01	
1135A	OPER	NOTE	JUL77	11135-90001	SEP77	11135-90051	8L	01	09	01	용하는 보고 있는 것을 하는 생각이 되었습니다. 그는 것은 사람들이 되었습니다. 그렇게 되고 있는 것은 것은 사람들이 되었습니다. 그렇게 되는 것은 것은 것은 것을 했다.
1136A	OPER	NOTE	JUL77	11135-90001	SEP77	11135-90051	8L	01	09	01	
1137B	OPER	NOTE	JUL77	11135-90001	SEP77	11135-90051	8L	01	09	01	
114A	OPER	NOTE	DEC76	01114-90904	FEB77	01114-90804	8L	01	08	01	
		NOTE SET BELOW	JUL80	WO ALL SER.REC	OCT80 SWIVEL						
1145A	OPER	NOTE		11145-90001		11145-90051	8L	01	09	01	
1146A		& SERV MAN Change		11146-90001 11146-90001	SEP85	11146-90051	8L	01	09	02	
		NOTE SET BELOW 6A-1	MAR73	ALL CER.IMPR	APR79						
1151B	OPER	NOTE	AUG75	11151-90003		11151-90053	8L	01	09	01	
1152A	OPER	NOTE	FEB72	11152-90002	SEP85	11152-90052	8L	01	09	01	
116A		NOTE	JANOO	1116A-900	APR81	1116A-800			80	450	로 하는데, 공학으로 들은 학생들은 그리고 들었는데 함께 되었다. 그는 경기에 가장 하는데 하는데 하는데 하는데 함께 되었다.
	SERV 1116	NOTE SET BELOW	MAR63	MOD TO IMPRO	JUL80						
1178	OPER	NOTE	MAR77	01117-90903		01117-90803	Ω1	Λ4	no	Ω4	

11136A OPER NOTE JUL77 11135-90001 SEP77 11135-90051 8L 01 09 01 11137B OPER NOTE JUL77 11135-90001 SEP77 11135-90051 8L 01 09 01 1114A OPER NOTE SET BELOW JUL80 WO ALL SER.REC SWIVEL CASTER REPL 11145A OPER NOTE JUN73 11145-90001 SEP85 11145-90051 8L 01 09 01 11146A OPER ROTE JUN73 11145-90001 SEP85 11145-90051 8L 01 09 01 11146A OPER SERV MAN MAN CHANGE SERV NOTE SET BELOW JUL80 WO ALL SER.REC SWIVEL CASTER REPL 11151B OPER NOTE AUG75 11151-90003 SEP85 11146-90051 8L 01 09 02 11152A OPER NOTE FEB72 11152-90002 SEP85 11152-90052 8L 01 09 01 1116A OPER NOTE FEB72 11152-90002 SEP85 11152-90052 8L 01 09 01 1116A OPER NOTE FEB72 11152-90002 SEP85 11152-90052 8L 01 09 01 1116A OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1117B OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1/08/85 WODEL O TIPE H/C H/C PART FICHE FICHE PART M P D P PAGE 27 NAMBER C TIPE H/C NUMBER DATE NUMBER L T V G TIPE NUMBER L T V G TIPE NUMBER C TIPE NUMBER L T V G TIPE NUMBER C TIPE NUMBER L T V G TIPE NUMBER C TIPE NUMBER L T V G TIPE NUMBER C TIPE NUMBER L T V G TIPE NUMBER C TIPE NUMBER L T V G TIPE NUMBER L T T T V G TIPE NUMBER L T T T T T T T T T T T T T T T T T T	or being a fill Hillian being St	요. 이 물리가 하다 하 원생님은 이라는 한 경우를 찾으는 것이 되었습니	있다면 하다 보다 하다면 하면 하다면 적하는 100mm의 기자들이 가입니다. 하다 하다면 하다면 하다면 하다면 하다면 하다는 하다는 사람들은 사람들이 되었다면 하다면 하다는 사람들이 있다. 사람들이	오늘이 말리 하고 그렇게 하고 사람들을 모드를 보는 것이
11137B	11135A	OPER NOTE	JUL77 11135-90001 SEP77 11135-90051 8L 01 09 01	
1114A	11136A	OPER NOTE	JUL77 11135-90001 SEP77 11135-90051 &L 01 09 01	
SERV NOTE SET BELOW 11145A OPER NOTE JUL80 WO ALL SER.REC SUIVEL CASTER REPL 11145A OPER NOTE JUN73 11145-90001 SEP85 11145-90051 8L 01 09 01 11146A OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 11146A-1 OPER NOTE AUG75 11151-90003 SEP75 11151-90053 8L 01 09 01 APR79 MAR73 ALL CER.IMPR IN PROGRAM TAPES AUG75 11151-90003 SEP75 11151-90053 8L 01 09 01 11152A OPER NOTE SERV MOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 SERV NOTE SET BELOW 1116A-1 MAR63 MOD TO IMPROVE BUMPERS MODEL NOPE NOTE APR70 01117-90903 APR77 01117-90803 8L 01 08 01 PAGE 27 NUMBER C LITERATURE H/C NUMBER APR70 01118-90902 AUG70 0118-90802 01 08 01 1187C OPER NOTE APR70 01118-90902 AUG70 0118-90802 01 08 01 1187C OPER NOTE JAN72 01119-90910 NOV85 01119-90810 8L 01 08 01	11137В	OPER NOTE	JUL77 11135-90001 SEP77 11135-90051 8L 01 09 01	
11145A OPER NOTE JUN73 11145-90001 SEP85 11145-90051 8L 01 09 01 11146A OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 11146-9001 SEP85 11146-90051 8L 01 09 02 MARCH SERV NOTE SET BELOW 11146-9001 APR79 11151B OPER NOTE JUN73 11146-90001 SEP85 11146-90051 8L 01 09 01 11152A OPER NOTE SERV NOTE SET BELOW 11151-90003 SEP75 11151-90053 8L 01 09 01 1116A OPER NOTE SERV NOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 1117B OPER NOTE MARCH SERV NOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 1117B OPER NOTE MARCH SERV NOTE SET BELOW 1116A-900 APR77 D1117-90803 8L 01 08 01 1108A OPER NOTE APR70 DATE NUMBER DATE NUMBER DATE NUMBER DATE NUMBER L T V G NUMBE	1114A		그가 없는 어떤 것이 되는 그가 있어요? 그는 그는 그는 그가 어떻게 그는 환경 회장 있다운 자른 이 그 부분이를 통해하는 한다는 그는 것이 되었다. 그는 것이 없는 그를 받는 것이 되었다.	
11146A OPER & SERV MAN MAN CHANGE SEPY 3 11146-90001 SEP85 11146-90051 8L 01 09 02 OT76 11146-90001 APR79 11146A-1 SEP BELOW 11146A-1 SEP BELOW 11151-90003 SEP75 11151-90053 8L 01 09 01 OPER NOTE SEPY NOTE SET BELOW 1116A-9000 APR81 11152-90052 8L 01 09 01 OPER NOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 OPER NOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 OPER NOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 OPER NOTE APR70 01118-90802 APR70 01118-90802 OPER NOTE APR70 01118-90800 OPER NOTE APR70 01118-90800 OPER NOTE APR70 01119-90910 NOV84 11187-90050 8L 01 08 01				
MAN CHANGE SERV NOTE SET BELOW MAR73 ALL CER.IMPR IN PROGRAM TAPES	11145A	OPER NOTE	JUN73 11145-90001 SEP85 11145-90051 8L 01 09 01	
11146A-1 MAR73 ALL CER.IMPR IN PROGRAM TAPES 11151B OPER NOTE AUG75 11151-90003 SEP75 11151-90053 8L 01 09 01 11152A OPER NOTE FEB72 11152-90002 SEP85 11152-90052 8L 01 09 01 1116A OPER NOTE SET BELOW MAR63 MOD TO IMPROVE BUMPERS 1117B OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1117B OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1/08/85 MODEL O TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPT	11146A	MAN CHANGE	OCT76 11146-90001	
11152A OPER NOTE FEB72 11152-90002 SEP85 11152-90052 8L 01 09 01 1116A OPER NOTE SET BELOW NAR63 MOD TO IMPROVE BUMPERS 1117B OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1108/85 MODEL O LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER L T V G ** 1/08/85 NUMBER C TYPE ARE DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 118A OPER NOTE APR70 01118-90902 AUG70 01118-90802 01 08 01 1187C OPER NOTE MAR74 11187-90000 NOV84 11187-90050 8L 01 09 01 119A OPER NOTE JAN72 01119-90910 NOV85 01119-90810 8L 01 08 01				
1116A OPER NOTE SET BELOW 1116A-900 APR81 1116A-800 8L 01 08 01 SERV NOTE SET BELOW 1116A-1 MAR63 MOD TO IMPROVE BUMPERS 1117B OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1/08/85 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION ***	11151B	OPER NOTE	AUG75 11151-90003 SEP75 11151-90053 8L 01 09 01	
SERV NOTE SET BELOW 1116A-1 MAR63 MOD TO IMPROVE BUMPERS 1117B OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1/08/85 OPER NOTE MAR77 01117-90903 APR77 01117-90803 8L 01 08 01 1/08/85 OPER NOTE H/C H/C PART FICHE FICHE PART M P D P PAGE 27 NUMBER C TYPE DATE NUMBER L T V G STANDARD SECRIPTION *** DESCRIPTION *** DESCRI	11152A	OPER NOTE	FEB72 11152-90002 SEP85 11152-90052 8L 01 09 01	
1/08/85 MODEL O LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION	1116A	SERV NOTE SET BELOW		
1/08/85 MODEL O LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER L T V G **** DESCRIPTION **** DESCRIPTION **** DESCRIPTION **** DESCRIPTION **** DESCRIPTION **** 118A OPER NOTE APR70 01118-90902 AUG70 01118-90802 01 08 01 1187C OPER NOTE MAR74 11187-90000 NOV84 11187-90050 8L 01 09 01 119A OPER NOTE JAN72 01119-90910 NOV85 01119-90810 8L 01 08 01			나는 그런 그는 얼마를 하게 하는데 없는데 살아 살아내는 나는데 얼마를 하는데 하는데 하는데 나는데 나를 하는데 나를 하는데 나를 하는데 나를 하는데 되었다.	
MODEL O LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 118A OPER NOTE APR70 D1118-90902 AUG70 D1118-90802 01 08 D1 1187C OPER NOTE MAR74 11187-90000 NOV84 11187-90050 8L D1 D9 D1 119A OPER NOTE JAN72 D1119-90910 NOV85 D1119-90810 8L D1 D8 D1				
1187C OPER NOTE MAR74 11187-90000 NOV84 11187-90050 8L 01 09 01 119A OPER NOTE JAN72 01119-90910 NOV85 01119-90810 8L 01 08 01			DATE NUMBER DATE NUMBER L T V G	
119A OPER NOTE JAN72 01119-90910 NOV85 01119-90810 8L 01 08 01	1118A	OPER NOTE	APR70 D1118-90902 AUG70 D1118-90802 01 08 D1	
게 들었다는데 한테이는 아는 그는 이렇게 되었다. 그들은 살림이에 하는데, 아들이 사람이 되었다. 그런데 그런데 하는데, 이렇게 하는데, 이렇게 다른데, 이렇게 다른데, 이렇게 다른데, 이렇게 되었 그렇게 걸어들어 들어 되었다. 그렇게 되었는데, 이렇게 하는데, 그들은 아들이 나를 하는데, 이렇게 되었다. 그런데, 이렇게 하는데, 이렇게 하는데, 이렇게 되었다. 그런데, 이렇게 되었다. 그런데	11187C	OPER NOTE	MAR74 11187-90000 NOV84 11187-90050 8L 01 09 01	
1198 OPER NOTE JAN72 01119-90911 NOV85 01119-90811 8L 01 08 01	1194	OPER NOTE	JAN72 01119-90910 NOV85 01119-90810 8L 01 08 01	
	1198	OPER NOTE	JAN72 01119-90911 NOV85 01119-90811 8L 01 08 01	

	12940A	SERV I
		12940
		CONT
	130A	OPER
		MAN C
	130B	OPER
		MAN CI
	130B/BR	SERV I
		1308-1 1308-1
1,87 194		130B-7
	130BR	OPER I
	JOUGK	MAN CI
	130C	OPER !
		OPER
		MAN CI SERV I
		130C-
		130c-
		130c-:
		130c-4
		130c-! 130c-
		130c-
		130c-
		130C-9
		130c-1
		1300
	1300A	OPER I
		OPER I
		OPER I
		1300A
		1300A-
		1300A-
		1300A-
		1300A- 1300A-
		1300A-
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		1309/
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		1300A-
	1300A-H09	OPER :
	1300A-H82	SERV I
	1-004 1102	H82-1
		H82-1 H82-1

11/08/85 MODEL NUMBER

1300A-H82

1302A

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H82-13 1308A H82-13

SERV N 1302A-1302A-1302A-1302A-1302A-

11/08/85 MODEL NUMBER

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C h/C PART Date Number *** Descript	FICHE FICHE PAR DATE NUMBER ION *** DESCRIPTION	LTVG	** DESCRIPTION ***	PAGE 27 DESCRIPTION ***
11184	OPER NOTE	APR70 01118-90902	AUG70 01118-90802	01 08 01		
11187c	OPER NOTE	MAR74 11187-90000	NOV84 11187-90050	8L 01 09 01		
11198	OPER NOTE	JAN72 01119-90910	NOV85 01119-90810	8L 01 08 01		
11198	OPER NOTE	JAN72 01119-90911	NOV85 01119-90811	8L 01 08 01		
1119c	OPER NOTE	JAN72 01119-90912	NOV85 01119-90812	8L 01 08 6%		

11/08/85 Model Number	o c	LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPT	FICHE DATE FION *** I	FICHE PART NUMBER DESCRIPTION ***	L	T	V	P G PTI	ON *:	* DES	CRIPTI	ON *** DES	PAGE 27 SCRIPTION ***
1118A	0PER	NOTE	APR70	01118-90902	AUG70	01118-90802		01	80	01					
11187C	OPER	NOTE	MAR74	11187-90000	NOV84	11187-90050	8L	01	09	01					
1119A	OPER	NOTE	JAN72	01119-90910	NOV85	01119-90810	8L	01	08	01					
1119B	OPER	NOTE	JAN72	01119-90911	NOV85	01119-90811	8L	01	80	01					
1119C	OPER	NOTE	JAN72	01119-90912	NOV85	01119-90812	8L	01	03	'n.					
1119D	OPER	NOTE	JAN72	01119-90913	JUN75	01119-90813	8L	01	08	01					
1128	OPER	& SERV MAN	SEP77	04916-90000	NOV77	04916-90006	8L	01	38	01					
1120A		NOTE CHANGE		01120-90903 01120-90903	MAR84	01120-90803	8L	01	80	01					
11214	OPER MAN (NOTE NOTE Change	JUN77	01121-90904 01121-90905 01121-90905	MAR84	01121-90804* 01121-90805	8L 8L	01 01	80 80	01 01	USE	1121A	FICHE	01121-908	305
	SERV 1121	NOTE SET BELOW 1-1	MAY72	WO ALL SER-RI	JUL80 PLACEMEN	T PROBE ASSY									
1123A		& SERV MAN Change		01123-90901 01123-90901	MAR79	01123-90801	8L	01	80	02					
11237A	OPER	NOTE	DEC76	11237-90002	FEB77	11237-90052*	8L	01	09	01	USE	3320A	FICHE	03320-900)52
11238A	OPER	NOTE	AU675	11238-90001	SEP75	11238-90051	8L	01	09	01					
11238B	OPER	NOTE	AUG75	11238-90010	SEF 75	11238-90060	8L	01	09	01					
11238C	OPER	NOTE	AUG75	11238-90001	SEP75	11238-90051	8L	01	09	01					
11239A	OPER	NOTE	00171	11239-90000	NOV73	11239-90050*		01	09	01	USE	11239	B FICH	E 11239-90	0060
11239B		NOTE NOTE		11239-90010 11239-90012		11239-90060* 11239-90062			09 09		USE	11239	B FICH	E 11239-90	062
11239C	OPER	NOTE	AUG75	11239-90011	SEP75	11239-90061*	8L	01	09	01	USE	3320A	FICHE	03320-900)52
1124A		NOTE NOTE		01124-90903 01124-90904		01124-90803* 01124-90804		01 01	80 80	01 01	USE	1124A	FICHE	01124-908	304
11240A	OPER	NOTE	OCT73	11240-90000	NOV73	11240-90050*	`	01	09	01	USE	3320A	FICHE	03320-900)52
1125A	and the second date and the	NOTE NOTE	- 1 / 	01125-90902 01125-90904		01125-90802* 01125-90804		01 01	80 80	01 01	USE	1125A	FICHE	01125-908	04
11253A	SERV 1125	NOTE SE' BELOW SA-1	the second second	WN ALL SER.AL	APR84 TER PROC		RF	TES:	TING	3 TI	1E H	I/LO L	INE TR	IP POINTS	
112538	SERV 11253	NOTE SET BELOW	NOV83	WO ALL SER.AL	APR84	FOR ADJ & PE) F	TEC.	TTNO	: T1	IF W	r/1 0 1	TNE TO	IP POINTS	

	11/08/85	
	MODEL O NUMBER C	
	1300A-H82	H82-130
		1308A- H82-130
	1302A	SERV NO 1302A-1
7.1.1.1		1302A-2
		1302A-4 1302A-5
	13044	OPER &
		MAN CHA
		1304A-1
		1304A-2 1304A-3 1304A-4
		1304A-5 1304A-6 1304A-7
	1304A-c06	MOD SHE
	1304A-C14	MOD SHE
	1304A-C15	MOD SHE
		MOD SHE
	1304A-H02	MOD SHE
	1308A	SERV NO 1308A-1 1308A-2
		1308A-3
		1308A-5
		H82-130 /1309/ 1308A-9
		1300A-1 1309A-
		1308A-1 1308A-1
	3700s	1308A-1
	1309A	SERV NO 1300A-7 1309A-1
		1309A-2 1309A-3
		1309A-4

11/08/85 MCDEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE FICHE PART DATE NUMBER ON *** DESCRIPTION	L 1	D V CRIPT	6	DESCR	IPTION	DESCI	PAGE 2 N ***	8
113AR	OPER & SERV MAN MAN CHANGE A MAN CHANGE B	MAR64	113A-900 113A-900 113A-900	DEC74 113A-901	01	02 0	2					
113AR/BR	SERV NOTE SET BELOW 113A-1		DESCRIPTION	MAY78 OF CLOCK MECHANISM	T00LS							
1138R	OPER & SERV MAN Man Change		1138-900 1138-900	JAN72 1138-901	01	02 0	2					
113BR-H02	OPER & SERV MAN		113B-900	JAN72 1138-901	01	02 0	2					

11/08/85
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1309A 1309A-5 1309A-6 H82-133
1308 A- 1308 A- 9
1300A-1(1309A- 1309A-1
1309A-1 1309A-1 1309A-1
[장프] 이 그리고 그렇게 보기를 먹는 보기되었다.

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11/08/85 MCDEL NL:18ER	O LITERATURE C TYPE	H/C DATE		FICHE DATE ON *** I	FICHE PART NUMBER DESCRIPTION *	L	P T ESCI	D V (RIPT:	PAGE 28 G ION *** DESCRIPTION *** DESCRIPTION ***
113ar	OPER & SERV MAN MAN CHANGE A MAN CHANGE B	MAR64	113A-900 113A-900 113A-900	DEC74	113A-901		01 (02 07	
113AR/BR	SERV NOTE SET BELOW 113A-1		DESCRIPTION	MAY78 OF CLO	CK MECHANISM	rooL.	S		
1138R	OPER & SERV MAN MAN CHANGE		1138-900 1138-900	JAN72	113B-901		01 (02 02	
113BR-H02	OPER & SERV MAN MAN CHANGE		1138-900 1139-900	JAN72	113B-901		01 (02 02	
11353A	REF MAN	APR81	03060-90215	JUL81	03060-90254	8L	01 ()9 Oʻ	
11356A	OPER NOTE	JUN78	11356-90000	0СТ78	11356-90050	8L (01 (39 Oʻ	경 (1985) - 1일 - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) 1 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12 (1985) - 12
114B	SERV NOTE SET BELOW 1148-1	MAR67	SER BELOW 1	MAY78 50-00300		NS 01	N SI	IEEP-	-RETRACE MULTIVIBRATOR
114BR	OPER & SERV MAN Man Change A Man Change B	MAY65	1148-900 1148-900 1148-900	SEP82	1148-901	8L (01 (02 07	
11405A	OPER MAN	JANOO	11405-90001	JUL74	11405-90051		01 (09 01	
1440A	OPER & SERV MAN OPER & SERV MAN		11440-90002 11440-90004		11440-90051* 11440-90054	8L	01 (01 (09 01 09 01	1 USE 11440A FICHE 11440-90054 1
11441A	OPER NOTE OPER MAN		11441-90001 11441-90004		11441-90051* 11441-90054		01 (01 (09 01 09 01	1 USE 11441A FICHE 11441-90054
11452A	OPER NOTE	OCT74	11452-90001	JAN75	11452-90051*		D1 () 9 01	1 USE 3330A FICHE 03330-90052
11453A	REF MAN	APR81	03060-90215	JUL81	03060-90254	8L (01 (19 01	
11453A/B/C	SERV NOTE SET BELOW 11453A/B/C-1	FEB83	WN ALL SER.UPG	APR83 Rading		FIX	TURI	E T0	11453C MODEL
11453B	REF MAN	APR81	03060-90215	JUL81	03060-90254	8L (01 (09 01	
11473A	OPER NOTE	JAN00	11473-90000	SEP85	11473-90049	8L (01 (09 01	
11473B	OPER NOTE	JANOO	11473-90000	SEP85	11473-90049	8L (01 () 9 01	o de la seguina, de l'Alle de Serie de Selection de la seguina de la seguina de la seguina de la seguina de la La companya de la co
1474A	OPER NOTE	JANDO	11473-90000	SEP85	11473-90049	8L (D1 (09 01	
11475A	OPER NOTE	JANOD	11473-90000	SEP85	11473-90049	8L (01 () 9 01	
11476A	OPER NOTE	JAN00	11473-90000	SEP85	11473-90049	8L (01 (9 01	
11477A	OPER NOTE Install note		11477-90000 03325-90020		11477-90050 03325-90220	S= 1 1 1 1	_ G	09 01 N1 01	중에는 살아 나는 가는 그 없는 것이 되었다. 그는 것은 사람들이 되었다. 그는 사람들이 나를 보는 것이 되었다. 그는 사람들이 되었다. 그는 사람들이 없는 것이 없는 것이 없다.

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		1310A-12
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		13174-1
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	47404 007	
	1310A-003	OPER & S
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11478A	OPER NOTE	OCT78 11478-90000 MAR79 11478-90050 8L 01 09 01	
115ar	OPER & SERV MAN Man Change	FEB62 115A-900 AUG79 115A-901 8L 01 02 02 FEB63 115A-900	
115BR	OPER & SERV MAN SERV NOTE SET BELOW H2O-115BR-1 115BR-1 115BR-2	AUG68 00115-9006 SEP70 00115-9007 01 02 02 MAY78 MOD TO IMPROVE OUTPUT TICK STABILITY + ALIGNMENT OF OUTPUT CIRCUITS APR66 ALL SER.REC REPL TRANSISTOR FOR 9402,9405 + 9406 MO ALL SER.ALIGNMENT OF CLOCK MOTOR	
115CR		JAN66 00115-9004 0CT71 00115-9008 01 02 02 DEC66 00115-9004	

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11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	FICHE PART NUMBER DESCRIPTION **	L	T	V	P G PTION	*** DES	CRIPTIO	N *** DESCRIPTI	PAGE 29 ON ***
11478A	OPER NOTE	OCT78	11478-90000	MAR79	11478-90050	8L	01	09	01				
115AR	OPER & SERV MAN Man Change		115A-900 115A-900	AUG79	115A-901	8L	01	02	02				
115BR	OPER & SERV MAN	AUG68	00115-9006		00115-9007		01	02	02				
	SERV NOTE SET BELOW H20-115BR-1 115BR-1 115BR-2	APR66	MOD TO IMPRO ALL SER.REC WO ALL SER.ALIG	REPL TI	PUT TICK STAB RANSISTOR FOR OF CLOCK MOTOR	84(ΓΥ 32,	+ AL 2405	IGNM + Q	NT OF 01	JTPUT C	IRCUITS	
115CR	OPER & SERV MAN Man Change		00115-9004 00115-9004	OCT71	00115-9008		01	02	02				
1150A	OPER & SERV MAN SERV NOTE SET BELOW 28036-1	MAY72 DEC73	01150-90901 RECOMMENDED	SEP72 APR79 SPARE	01150-90801 PRTS		01	80	06				
11509A	OPER & SERV MAN	JUN74	11509-90005			8L	01	04	01				
11517A	OPER NOTE	MAY71	11517-90006	OCT85				53					
11518A	OPER NOTE	MAY71	11517-90006	OCT85				53					
11519A	OPER NOTE	MAY71	11517-90006	OCT85	11517-90007	åL	01	53	01				
11520A	OPER NOTE	HAY71	11517-90006	OCT85	11517-90007	8L	01	53	01				
11521A	OPER NOTE	APR69	11521-90003	JAN71	11521-90004	8L	01	53	01				
11530A	OPER NOTE	DEC67	11530-90000	JAN71	11530-90050		01	09	01				
11531A	OPER & SERV MAN MAN CHANGE		11531-90001 11531-90001		11531-90002	8L	01	45	01				
	SERV NOTE SET BELOW 11531A-1	MAR74	WO SER BELOW 11	MAY78 40A.RE	REPL FOR A1	:3							
11549A	OPER MAN	NOV83	11549-90002	APR85	11549-90003	8L	01	45	01				
11553A	OPER & SERV MAN	MAY73	11553-90004	SEP85	11553-90054	8L	01	11	01				
11574A	OPER MAN	MAY81	11574-90001	APR85	11574-90002	8L	01	45	01				
11575A	INSTALL MAN	JAN85	11575-90001	APR35	11575-90002	8L	01	45	01				
11581A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	JUL79 JUL80	08491-90056 08491-90059 08491-90061 08491-90065	AUG79 FEB81	08491-90057* 08491-90060* 08481-90062* 08491-90066	8L 8L	01	04 04	01 U	SE 11581	FICHE	08491-90062	
11582A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	JUL79 JUL80	08491-90056 08491-90059 08491-90061 08491-90065	FEB81	08491-90057* 08491-90060* 08491-90062* 08491-90066	8L	01 01	04	01 U	SE 11582/	N FICHE	08491-90062	

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1310A-005	OPER & SER OPER & SER MAN CHANGE MAN SUPP B
1310A-006	GPER & SER OPER & SER MAN CHANGE MAN SUPP B
1310A-008	OPER & SER OPER & SER OPER & SER MAN CHANGE MAN SUPP B
1310A-009 1310A-057	OPER & SER OPER & SER MAN CHANGE MAN SUPP B OPER & SER
1310A-604	OPER & SER OPER & SER OPER & SER MAN CHANGE MAN SUPP B
1310A-607	OPER & SER OPER & SER OPER & SER MAN CHANGE MAN SUPP B
1310A-639	OPER & SER OPER & SER OPER & SER MAN CHANGE MAN SUPP B
1310A-905	OPER & SER MAN CHANGE MAN SUPP B
	OPER & SER OPER & SER MAN CHANGE SERV NOTE 1310B-1 1313B-2
1310B-003	MOD SHEET

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11583A		JUL79 JUL80	08491-90056 08491-90059 08491-90061 08491-90065	AUG79 FED81	08491-90057* 08491-90060* 08491-90062* 08491-90066	8L	01 01	04	01 01	USE	11583A	FICHE	08491-90062		
1588A	OPER NOTE	MAY70	11588-90006	CCT85	11588-90008	8L	01	04	01						
1589A	OPER NOTE SERV NOTE SET BELOW 11589A-1		11589-90005 WA NAMEPLATE CO	EJAY78		8L	01	45	01						
11590A	OPER NOTE		11589-90005		11589-90006	8L	01	45	01						
11591A	OPER NOTE OPER NOTE		11591 -90001 11591 -90003		11591-90302* 11591-90004		01 01			USE	11591A	FICHE	11591-90004		

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11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 30
11583A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	MAY77 08491-90056	
1588A	OPER NOTE	MAY70 11588-90006 CCT85 11588-90008 8L 01 04 C1	
1589A	OPER NOTE SERV NOTE SET BELO 11589A-1	JUL70 11589-90005	
1590A	OPER NOTE	JUL70 11589-90005 0CT85 11589-90006 8L D1 45 D1	
1591A	OPER NOTE OPER NOTE	JANOD 11591-90001 MAR71 11591-90002* 01 04 01 USE 11591A FICHE 11591-90004 JUN85 1159'-90003 NOV85 11591-90004 8L 01 04 01	
11592A	OPER NOTE SERV NOTE SET BELO 11592A-1 11592A-2	AUG74 11592-90003 SEP85 11592-90004 8L 01 45 01 W MAY78 MAR70 WN SERVICE KIT MODIFICATION MAR72 KN SERV KIT INTERCONNECTOR CABLES	
15928	OPER NOTE	JANOO 11592-90005 APR84 11592-90006 8L 01 53 01	
1593A	OPER NOTE	APR77 11593-90002 APR84 11593-90003 8L 01 53 01	
16	OPER & SERV MAN	SEP77 04916-90000 NOV77 04916-90006 8L 01 38 01	
16AR	OPER & SERV MAN MAN CHANGE	DEC61 116A-900 FEB75 00116-901 01 02 01 MAR62 116A-900	
1600B	OPER & SETY MAN MAN CHANGE	JAN70 11600-90006 MAY85 11600-90012 8L D1 45 02 NOV78 11600-90006	
1602B	OPER & SERV MAN Mam Change	JAN70 11600-90006 MAY85 11600-90012 8L 01 45 02 NGV78 11600-90006	
1604A	OPER NOTE	NOV69 11604-90207 OCT85 11604-90009 8L 01 45 01	
1605A	OPER NOTE MAH CHANGE	AUGTO 11605-90007 MAY85 11605-90008 8L 01 45 01 NOV81 11605-90007	
1607A	OPER NOTE MAN CHANGE	AUG73 11607-90004 5785 11607-90005 8L 01 04 01 JAN74 11607-90004	
1608A	OPER NOTE OPER NOTE MAN CHANGE	JUN73 11608-90013 SEP73 11608-90014* D1 45 D1 USE 11608A FICHE 11608-90030 SEP81 11608-90029 MARS5 11608-90030 8L D1 45 D1 USE 11608A FICHE 11608-90030 JAN82 11608-90029	
1612A	OPER & SERV MAN	DEC83 11612-90001 MARE4 11612-90002 8L 01 45 01	
1635A	OPER NOTE MAN CHANGE	APR85 11635-90006 JUL85 11635-90007 8L 01 45 01 MAY85 11635-90006	
1652A	OPER NOTE	JUN80 11652-90002 0CT85 11652-90005 8L 01 45 01	

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1311A	ODEN & CENU
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	1311A-3
	13114-4
	1311A-5
	1310A-7A/131 1310A-8B/131
	1310A-9/1311
	1310A-10/131
	1310A-11/131
	1310A-12/131 1510A-13/131
	1317A-1/132
	1310A-14/131
	13174-2/132
	1310A-15/131
	1317A-3/132 1311A-16
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1311A-C27	OPER & SERV
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1/08/85 Model o Number c		H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON ***	NUMBER	L	T	V		PAGE 31 IPTION ***
1652A-008	OPER NOTE	DEC83	11652-90006	OCT85	11652-90007	8L	01 4	5 01		
1654A	OPER NOTE	SEP70	11654-90002	0CT85	11654-90004	81.	01 4	5 01		
1655A	OPER NOTE	JAN72	11655-90002	OCT85	11655-90006	8L	01 4	5 U1		
1661	SERV TRAINING MAN	JUL77	08660-90072	AUG77	08660-90073	8L	01 (04 01	고리의 그리고 하늘이 있는 배고 있습니다. 호스트, 1882년 - 1882년	
1661A	SERV NOTE SET BELOW 11661A-1 11661A-2 11661A-3 11661A-4A 11661A-5A 11661A-6 11661A-7 11661A-8 11661A-9B	MAR75 NOV72 JAN73 JUL73 AUG74 SEP74 SEP74 OCT74 APR75 AUG75 MAY75	08660-90070 11661-90015 WO SER BELOW 1 WA SER BELOW 1 WO ALL SER.INT WO SER BELOW 1 WO ALL SER.PRE	MAY75 MAY78 216A0025 248A.HOI TAL CHEC 412A.YIC 431A.IMI 430A.YIC 433A.IMI ERMITTEI 426A.MOI HZ SPUR	D TO WINCHEST CKS & ADJ F PRETUNE DRI FR SUM LOOP L F PRETUNE IMP PR COOLING NT FAILURES I D TO IMPR LOCI IOUS SIG SUPR	R SE ER C VER OCKI RVME N YI C ST	O1 (ARCH ONN PRO1 NG HIT G L(AB	04 03 1 THE TO E ECT1	RESHOLD ADJ RANGE RED SUSCEPTBLY TO PIN DAMAGE ON	
16618	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 116618-1 116618-2 116618-3 116618-4	NOV76 JAN78 AUG81 DEC84 JAN75 JUN75 SEP75 SEP75	08660-90070 11661-90021 11661-90025 11661-90025 11661-90025 WO ALL SER.INS WO SER BELOW 1 WO SER BELOW 1 WO SER BELOW 1	JAN78 JUL78 OCT85 JUL80 TAL CHE 439A.2 1 533A.MOI 538A0048	11661-90024* 11661-90026 CKS & ADJUSTM HHZ SPUR SIG D TO INCR YIG SO.IMPR 4.43	8L 8L 8L ENTS UPR LOO DSCI	01 1 01 1 01 1 ES P PF L S1	10 03 10 02 10 02 RETUN	USE 11661B FICHE 11661-9002 USE 11661B FICHE 11661-9002	&
1664A		JAN82 NOV83	11664-90005 11664-90037 11664-90044 11664-90044	OCT83	11664-90006* 11664-90038* 11664-90045	8L	01 4	15 01	USE 11664A FICHE 11664-9003 USE 11664A FICHE 11664-9004	. 8 . 5
166 4 B			11664-90025 11664-90025	MAR85	11664-90030	8L	01 4	15 01		
1664C	OPER & SERV MAN MAN CHANGE		11664-90033 11664-90033	APR85	11664-90034	8L	01 4	5 01		
665A	OPER & SERV MAN	MAR73	11665-90009	SEP85	11665-90010	8L	01 4	5 01		
1665B		MAR82	11665-90011 11665-90022 11665-90022	JUN74 MAR85	11665-90012* 11665-90023	8L	01 4 01 4	15 02 15 01	USE 11665B FICHE 11665-9002	3
666A			11666-90002 11666-90002	MAR85	11666-90003	8L	01 4	5 02		

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11665A	OPER & SERV MAN	and the second of the second	The state of the s					tody Parista Poplovský se s				的复数的新闻
and the same of th		MAR73	11665-90009	SEP85	11665-90010	8L (01 45	01				
11665B	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR82	11665-90011 11665-90022 11665-90022	300	11665-90012* 11665-90023		01 45 01 45	02 USI 01	11665B	FICHE 11	665-90023	
11666A	OPER & SERV MAN MAN CHANGE		11666-90002 11666-90002	MAR85	11666-90003	8L 0)1 45	02				
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPT:	F3CHE DATE IOH *** I	NUMBER	L	TV	G	*** DESCR	IPTION *	** DESCRIP	PAGE ?
11667A	OPER & SERV MAN MAN CHANGE	1,11,11,11,11,11,11,11,11,11,11,11,11,1	11667-90003 11667-90003	APR85	11667-90004	8L (01 45	01				
11668A	OPER & SERV MAN	JAN82	11668-90002	APR85	11668-90003	8L (01 45	01				
11672A	OPER NOTE OPER & SERV MAN		11672-90002 11672-90004	SEP77 APR78	11672-90003* 11672-90005	8L (01 10 01 10	01 US 01	E 11672A	FICHE 11	672-90005	
11673A	OPER NOTE	FE872	11673-90001	APR72	11673-90002	8L (01 53	01				
11683A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JAN80	11683-90001 11683-90005 11683-90005	JUN75 FEB85	11683-90002* 11683-90006	8L (01 04 01 04	01 US 01	E 11683A	FICHE 11	683-90006	
11687A	OPER & SERV MAN	MAR73	11687-90002	SEP85	11687-90003	8L (01 04	01				
11690A	OPER & SERV MAN	DEC82	11690-90002	FE683	11690-90003	8L (01 10	01				
11691D	OPER & SERV MAN OPER & SERV MAN		11691-90006 11691-90008	APR74 DEC77	11691-90007* 11691-90009	8L (01 04 01 04	01 US 01	E 11691D	FICHE 11	691 -90 009	
11692D	OPER & SERV MAN OPER & SERV MAN		11691-90006 11691-90008	in the second second	11691-90007# 11691-90009				E 11692D	FICHE 11	691-90009	
11693A	OPER & SERV MAN	AUG74	11693-90004	SEP85	11693-90005	8L (01 45	01				
11694A	OPER & SERV MAN	NOV73	11694-90003	SEP85	11694-90004	8L (01 45	01				
11697A	OPER & SERV MAN		11697-90001	SEP85	11697-90002	8L (D1 04	01				
11697B	OPER & SERV MAN		11697-90001		11697-90002							
11697C	OPER & SERV MAN	randora est La del Valoria	11697-90001		11697-90002							
11698A	OPER NOTE MAN CHANGE		11698-90001 11698-90001	APR/8	11698-90002	8L (11 70	- U1				
11699A	OPER NOTE	JUN75	11699-90001	MAY81	11699-90002	8L (01 10	01				
11699A-004	OPER NOTE	SEP75	11699-90003	SEP75	11699-90004	8L (01 10	01				
117	OPER & SERV MAN MAN CHANGE		04917-90000 04917-90000	JUN75	04917-90004		01 38	01				
1174	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	DEC74	00117-9029 00117-9029	DEC84	00117-9031	8 L (01 02	02				
	117A-2B 117A-5		NBS-A TO UT	2 TRANSL		PHAS	SE DF	TECTOR	OPERATIO	N. SUPEDS	1174-1 34	A 2 1 1 2
11707A	OPER & SERV MAN MAN CHANGE		11707-90006 11707-90006		11707-90007							
11710A	OPER & SERV MAN	0СТ76	11710-90002	APR78	11710-90003	8L (01 10	01				

MARKS 11064-90050 BL 01 45 01

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03

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04

11/08/85 MODEL NUMBER LITERATURE TYPE FICHE PART N P D P NUMBER L T V G H/C DATE H/C PART Number FICHE DATE

JUL84 11664-90025

MAN CHANGE

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11/08/85 MODEL NUMBER

1311B-00

11/08/8! MODEL NUMBE

1317A

1317A-00

1317A-00

1317A-00

13174-0

13174-0

1317A-0

1317A-05

1317A-05

1317A-05

1317A-05

1317A-60

1317A-60

1317A-63

1317A-90

13178

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 33 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
11710A	OPER & SERV MAN	OCT76 11710-90002 APR78 11710-90003 BL 01 10 01
11707A	OPER & SERV MAN MAN CHANGE	JUN75 11707-90006 SEP77 11707-90007 8L 01 10 01 SEP75 11707-90006
1174	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 117A-2B 117A-5	NOV68 D0117-9029 DEC84 D0117-9031 BL 01 02 02 DEC74 D0117-9029 MAY78 NBS-A TO UT2 TRANSLATOR NN MOD TO ELIMINATE ERRATIC LINEAR PHASE DETECTOR OPERATION.SUPERS 117A-1,3A,4.
	MAN CHANGE	MAR75 04917-90000

11/08/85 Model Mumber	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 33 RIPTION ***
11710A	MAN CHANGE	JAN78 11710-90002 APR78 11710-90003 8L 01 10 01	
17108	OPER & SERV MAN Man Change	AUG77 11710-90005 SEP84 11710-90006 8L 01 10 01 MAR84 11710-90005	
1711A	OPER & SERV HAN	MAR80 11711-90004 MAY80 11711-90005 8L 01 04 01	
1712A	OPER MAN OPER MAN MAN CHANGE	FEB77 11712-90001 MAY82 11712-90002* 8L 01 04 G1 USE 11712A FICHE 11712-900 SEP82 11712-90004 AUG84 11712-90005 8L 01 04 01 MAR84 11712-90004)5
1713A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 11713A-1	MAY80 11713-90007 JUL80 11713-90003* 8L 01 04 02 USE 11713A FICHE 11713-900 OCT82 11713-90009 APR85 11713-90010* 8L 01 04 02 USE 11713A FICHE 11713-900 JUL85 11713-90011 NOV85 11713-90012 8L 01 04 02 JUL80 JUL80 APR85 BELOW.IMPROVED HP-IB OPER	10 12
17144	OPER NOTE Man Change	FEB79 11714-90001 JUN79 11714-70002 8L 01 04 01 FEB79 11714-90001	
1715A	OPER & SERV MAN MAN CHANGE	SEP70 11715-90004 SEP85 11715-90005 8L 01 10 02 MAYUU 11715-90004	
1716A	OPER NOTE	JAN79 11716-90004 FEB79 11716-90005 8L 01 04 01	
17168	OPER NOTE	JAN79 11716-90004 FEB79 11716-90005 8L 01 04 01	
1717A	OPER NOTE	SEP79 11717-90001 MAY80 11717-90002 8L 01 04 01	
1720A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL77 11720-90002 AUG80 11720-90003* 8L 01 04 01 USE 11720A FICHE 11720-900 DEC80 11720-90007 FEB85 11720-90008 8L 01 04 01 NOV84 11720-90007	08
1721A	OPER & SERV MAN	APR80 11721-90002 MAY80 11721-90003 8L 01 04 01	
1726A	OPER NOTE Man Change	MAR33 11726-90001 JUN85 11726-90002 8L 01 04 01 JAN85 11726-90001	
1729A	SERV NOTE SET BELOW 11729A/B-1	JUL85 FEB85 WO ALL SER.REC IF AMPLF ASSY REPL	
1729В	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	NOV84 11729-90015 JUN85 11729-90016 8L 01 04 04 NAR85 11729-90015 JUL85	
	11729A/B-1 11729B-3	FEB85 WO ALL SER.REC IF AMPLF ASSY REPL FEB85 WA SER 2345A & BELOW.MOD TO INPR A7G5/C8 REL	
1790B	SOFTWARE REF MAN Man Change	FEB03 08953-90013 DEC83 08953-90015 8L 01 10 04 SEP83 08953-90013	
17906-630	SOFTWARE REF MAN	FEB83 08953-90013 MAY83 08953-90015 8L 01 10 04	
1790e-650	SOFTWARE REF MAN	FEB83 08953-90013 MAY83 08953-90015 8L 01 10 04	
17906-655	SOFTWARE REF MAN	FEB83 08953-90013 MAY83 08953-90015 8L 01 10 04	

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MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D P

NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G

*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

13178

7.57 /A-65

1317A-90

132A 1321A

11/08/85 MODEL NUMBER

1330

1321B

1321A-057

1330A

1331A

1331A-H12

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	117298-8-1 117298-3	FEB85 WO ALL SER.REC IF AMPLF ASSY REPL FEB85 WA SER 2345A & BELOW.MOD TO INPR A7G5/C8 REL
11790в	SOFTWARE REF MAN Man Change	FEB33 08953-90013 DEC83 08953-90015 8L 01 10 04 SEP83 08953-90013
117906-630	SOFTWARE REF MAN	FEB83 08953-90013 MAY83 08953-90015 8L 01 10 04
117908-650	SOFTWARE REF MAN	FEB83 08953-90013 MAY83 08953-90015 8L 01 10 04
117908-655	SOFTWARE REF MAN	FEB83 08953-90013 MAY83 08953-90015 8I, 01 10 04
		근로는 현기에 하는 사람들이 들어가는 경우를 받는 것이 되었다. 그런 사람들이 되었다는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다는 것이 없는데 되었다는 것이 없었다. 다음 사람들이 다 보통하는 것이 되었다면 보통하는데 그렇게 되었다면 되었다면 되었다면 되었다면 되었다면 하는데 보통하는데 보통하는데 되었다면 보통하는데 되었다면 되었다면 되었다면 되었다면 되었다. 나를 보통하는데 사

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	DATE NUMBER	FICHE FICHE PART DATE NUMBER *** DESCRIPTION *:	PAGE 34 M P D P L T V G ** DESCRIPTION *** DESCRIPTION ***
11792A	OPER & SERV MAN	MAR85 11792-90008	MAY85 11792-90009	8L 01 10 C1
118	OPER & SERV MAN Man Change	JUL70 04918-90006 JUN77 04918-90006	NOV77 04918-90010	8L 01 38 01
11850A	OPER & SERV MAN	MAR85 11850-90002	JUL85 11850-90003	8L 01 45 01
11850A-H26	OPER & SERV MAN Man Change	JAN80 11850-90014 0CT84 11850-90014	MAR85 11850-90015	8L 01 45 01
118508	OPER & SERV MAN	MAY85 11850-90009	JUL85 11850-90010	8L 01 45 01
11851A	OPER & SERV MAN OPER & SERV MAN	APR76 11851-90001 NOV78 11851-90005	FEB77 11851-90002* OCT83 11851-90006	8L 01 45 01 USE 11851A FICHE 11851-90006 8L 01 45 01
11854A	OPER & SERV MAN	JUL76 11854-90001	NOV78 11854-90002	8L 01 45 01
11859A	OPER & SERV MAN	NOV80 11859-90001	JUN81 11859-90003	8L 01 45 01
11859B	OPER & SERV MAN	DEC82 11859-90006	FEB83 11859-90009	8L 01 65 02
11860A	FIELD INSTALL MAN	JAN77 11860-90001	AUG85 11860-90002	8L 01 45 01
11861A	INSTRUCT MAN	DEC76 11861-90001	MAY82 11861-90002	8L 01 45 01
11863D	OPER & PROG MAN	JAN81 11863-90011	MAR81 11863-90U12	8L 01 45 01
11863E	OPER & PROG MAN OPER & SERV MAN MAN CHANGE	JUN82 11863-90022 JAN83 11863-90026 JAN84 11863-90026	SEP82 11863-90023* MAR85 11863-90027	8L 01 45 01 USE 11863E FICHE 11863-90027 8L 01 45 01
11864A	OPER & SERV MAN Man Change	SEP78 11864-90002 MAY85 11864-90002	JUL85 11864-90003	8L 01 45 02
11867A	OPER NOTE	DEC79 11867-90001	APR84 11867-90002	8L 01 53 01
11869A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	AUG80 11869-90001 MAR83 11869-90006 OCT84 11869-90006	NOV80 11869-90002* MAR85 11869-90007	8L 01 45 02 USE 11869A FICHE 11869-90007 8L 01 45 02
11870A	OPER NOTE	DEC79 11870-90001	APR84 11870-90002	8L 01 53 01
11873A	OPER & PROG MAN	JUL82 11873-90006	SEP82 11873-90007	8L 01 45 02
11975A	OPER & SERV MAN	JUN83 11975-90001	APR84 11975-90002	8L 01 53 02
120A	OPER & SERV MAN MAN CHANGE A MAN CHANGE BACKDATI	SEP67 120A-900	FEB78 120A-800	8L 01 08 02
120A/B	SERV NOTE SET BELON 120A-1 120A-2A 120A-3A	- SER 350 + DOW - SER 950 + DOW	MAY78 N.TRIG GEN MOD N.LV RECT TUBE REPI ASY REPLACMNT	ACHNT
				및 보고, 그는 그를 보여 들어가 불러 당한다면 하는 것 같은 것이 되고 말라고 말이 있다. 그는 것이다.

11/08/85

MODEL O LITERATURE H/C H/C PART FICHE FICHE PART M P D P
NUMBER C TYPE DATE NUMBER L T V G

*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

120A/B 120A-4 — TEST PROCEDURES

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1331A-H12

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1331A/C/E

1331C

1331C-016

1332A

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WERGH HISTSLANDE OF AL OF OR 120A OPER & SERV MAN JAN61 120A-900 MAN CHANGE A SEP67 120A-900 MAN CHANGE BACKDATE JUN62 120A-900 FEB78 120A-800 8L 01 08 02 MAY78
SER 350 + DOWN.TRIG GEN MOD
SER 950 + DOWN.LV RECT TUBE REPLACENT
HV PWR SUPPLY ASY REPLACENT 120A/B SERV NOTE SET BELOW 120A-1 120A-2A 120A-3A

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 35 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***		
120A/B	120A-4 120A-4 120A-4 120A-7 120B-1 120B-2A 120B-3	TEST PROCEDURES INT GRAD CRT MODIFICATION NOV63 SINGLE SWEEP MOD KIT JUL68 HV CIRCUIT MOD FOR INCR RELIABILITY APR66 SINGLE SWEEP MOD KIT DEC63 SER 247-01501 + DOWN.MOD TO RUGGEDIZE CRT SHIELD MOUNT JUL68 HV CIRCUIT MOD FOR INCR RELIABILITY		
120AR-H13	OFER & SERV MAN	DEC61 120A-901 SEP71 120A-801 01 08 02		
1208	OPER & SERV MAN MAN CHANGE	NOV66 120B-903 JAN72 120B-803 01 08 02 AUG71 120B-903		
1208-477	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JANOO 00120-93901 APR75 00120-93801 01 08 01 DEC68 00120-93902 0CT71 00120-93802 01 08 02 FEB69 00120-93902		
1200A	OPER & SERV MAN Man Change	NOV76 01200-90904 MAR84 U1200-90804 8L 01 08 03 JAN84 01200-90904		
1200A/B	SERV NOTE SET BELOW 1200A/B-1A 1200A-2 1200A-3A 1200A/B-4A CONT*D 1200A/B-5A 1200A/B-6 1200A/B-7 1200A-8-S	JAN79 WO SER 1202A & DELOW.REC LOW VOLT REG TRANSISTOR REPL. JAN69 SER 846 & UP.NEW MODEL # FOR 1200 SER SEP69 WO 1200A SER 849-00551 & DOWN;1200B SER 849-00541& DOWN.ADDITIONAL HV OSCIL TRANSTR MOD OCT74 WO 1200A SER 1047A01396& DOWN;1200B SER 0931A00973 & DOWN.MORE PROTECTION FOR PREAMPLIFIER BOARDS AUG79 WN ALL SER.A6Q4 PREFERRED REPLACEMENT NOV73 WO ALL SER.NUT ADAPTER FOR INTENSIY POT JUL84 WN ALL SER.REC CRT REPL MAR85 WA SAFETY;ALL SER.POSS HAZ DUE TO INSTR HANDLE BREAKAGE		
1200B	OPER & SERV MAN MAN CHANGE	NOV76 01200-90904 MAR84 01200-90804 8L 01 08 03 JAN84 01200-90904		
1201A	OPER & SERV MAN MAN CHANGE	JAN83 01201-90905 MAR84 01201-90805 8L 01 08 03 0CT79 01201-90905 FEB80 01201-90805 8L 01 08 03		
1201A/B	SERY NOTE SET BELOW 1200-3A 1201A/B-1A 1201A/B-2A 1201A/B-3A CONT'D 1201A/B-4 1201A/B-5A 1201A/B-6 1201A/B-7/1208A/ H11-11/1208B/H20-1 1201A/B-8/1207A/B-7	OCT85 SEP69 WO 1201A SER 849-00551 & DOWN.1201B SER 849-00541 & DOWN. MOD TO IMPROVE RELIABILITY JUL69 WO SER 901 & DOWN.ERASE TIME MODIFICATN JAN71 WO SER 924 & DOWN.MOD TO WRITE GUN OCT74 WO 1201A SER 117A00616 & DOWN.1201B SER 1120A00296 & DOWN. INPUT PREAMP PROTECTION WHEN MAKING PWR MEASUREMENTS FEB73 WO 1201A SER 1234A & DOWN.120B SER 1265A & DOWN. LOSS OF INTENSITY CONTROL AUG79 WN ALL SER.PREF REPL FOR A6Q4 NOV73 WO NUT ADAPTER FOR INTENSITY POT. MAY75 WO 1201A SER 1234A & DOWN.1201B SER 1245A & DOWN.PREF REPL FOR RESIST R5 & R6 ON HV BRD JUL76 WN 1201A SER 1234A & DOWN.1201B SER 1245A & DOWN.MOD TO CRT		
	1201A/B-0PT009-1 1201A/B-9 1201A/B-10-S	APR70 SER 924 & DOWN.PREF REPL FOR VR6 ON STORAGE PULSE BOARD HP P/N 01201-66502 JAN79 WO HER 1331A & BELOW.REC LOW VOLTAGE REGULATOR TRANSISTOR REPL. MAR85 WA SAFETY:ALL SER.POSS HAZ DUE TO INSTR HANDLE BREAKAGE		

NOV84 01202-90802 8L 01 08 03

PAGE 21 11/08/85 PAGE 36 MODEL 0 LITERATURE FICHE PART M P D P NUMBER L T V G H/C H/C PART FICHE NUMBER C TYPE DATE NUMBER DATE ION *** *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1202A OPER & SERV MAN NOV71 01202-90902

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1332A-C35

1332A-C39

1332A-C50

1332A-C52

1332A-H01

1332A-X95

1332A-551

1333A-H18

1333A-X95

1335A

1333A

1332A

H11-11/1208B/H20-1 1201A/B-8/1207A/B-7 JUL76 WN 1201A SER 1234A & DOWN.1201B SER 1245A & DOWN.MOD TO CRT 1201A/B-0PT009-1 1201A/B-9 APR70 SER 924 & DOWN.PREF REPL FOR VR6 ON STORAGE PULSE BOARD HP P/N 01201-66502 JAN79 WO SER 1331A & BELOW.REC LOW VOLTAGE REGULATOR TRANSISTOR REPL. MAR85 WA SAFETY: ALL SER. POSS HAZ DUE TO INSTR HANDLE BREAKAGE 1201A/B-10-S 1201B OPER & SERV MAN MAR84 01201-90805 8L 01 08 03 FEB80 01201-90805 8L 01 08 03 JAN83 01201-90905 MAN CHANGE OCT79 01201-90905

11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE		FICHE DATE ON ***	NUMBER	LT	D P V G CRIPTION *** DE	PAGE 3 SCRIPTION *** DESCRIPTION ***
1202A		AUG73	01202-90902 01202-90902 5951-1217	NOV84	01202-90802 81	L 0 1	08 03	
1202A/B	12003A 1202A/B-1A CONT'D 1202A/B-14 1202A//	SEP69 OCT74 AUG79 NOV73	WO 12UZAR SER 8	346 & AI 19-0027' 144A006' MEASURI F REPL I	BOVE.NEW MODEL 1 % DOWN.1200B 31% DOWN.1202B EMENTS FOR A6Q4 FOR INTENSITY PO	DESIG SER 8 SER (SMATION FOR 120 849-00281 & DOW 0931A00491 & DO	N.MOD TO IMPR RELIABILITY WN.IMPUT PREAMP PROTECTION WHE
1202B		AUG73	01202-90902 01202-90902 5951-1217	NOV84	01202-90802 8	L 01	08 03	
1205A	OPER & SERV MAN	JUL70	01205-90902	JUN75	01205-90802*	01	08 03 USE 1205	B FICHE 01205-90803
1205A/B	1200A-2 1200-3A 1205A/B-1 CONT'D 1205A/B-2A 1205A/B-3 1205A/B-4	JAN69 SEP69 MAY71 AUG79 NOV73 JUL84	1205AR SER 8 WO 1205A SER 84	346 & AI 19-0042' 145A009/ Measuri F Repl I Adapt I Crt Rei	BOVE.NEW MODEL I 1 & DOWN.MOD TO 46 & DOWN.1205B EMENTS FOR A694 FOR INTENSITY POPL	DESIGNATION OF THE PROPERTY OF	G FOR 1200 SERI R RELIABILITY 0931A00841 & D	OWN.IMPUT PREAMP PROTECTION WH
1205B			01205-90902 01205-90903		01205-90802* 01205-90803 8I			B FICHE 01205-90803
1206A			01206-90902 01206-90902	JUN75	01206-90802	01	08 03	
1206A/B	1200A-2 1200-3A 1206A/B-1 CONT'D 1206A/B-2 1206A/B-3	NOV68 JAN69 SEP69 MAY71 OCT73 NOV73	1206AR SER 8	846 & AL 19-00271 144A0041 Measuri Repl I	BOVE.NEW MODEL 1 1 & DOWN.1206B : 71 & DOWN.1206B EMENTS FOR A6Q4. FOR INTENSITY RO	DESIG SER 8 SER	G FOR 1200 SERI B49-00261 & DOW 0931A00391 & D	N.MOD TO IMPR RELIABILITY OWN.IMPVT PREAMP PROTECTION WH
12068			01206-90902 01206-90902	JUN75	01206-90802	01	08 03	
1207A			01207-90903 01207-90903	JUN75	01207-90803	01	08 04	
1207A/B	SERV NOTE SET BELOW			OCT85				

1336P-C06 1336P-C16 13368 1340A 1340A-C05 1340A-C18 1340A-H05 11/08/85 MODEL NUMBER 1340A-H05 1345A

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1335A-H01

1335A-H22

1335A-X95

1336A-005

1336A

1336P

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11/08/85 PAGE 37 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D NUMBER NUMBER C TYPE DATE DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1207A/B 1207A SER 922 & DOWN.1207B SER 924 & DOWN.PREF REPL FOR VR6 ON STORAGE-PULSE BOARD 1201A/B-OPT 009-1 APR70 CONT'D 1207A/B-1A 1207A/B-2A HP P/N 01201-66502 JUL69 WO SER 901 & DOWN. MOD TO STANDARDIZE ERASE TIME
JUN71 WO 1207A SER 922 & DOWN. 1207R SER 924 & DOWN. MOD TO FLIM MOMENTARY UPTTE GUN TURN...ON

12000	OFER	G SEKA LIVIA	PIARIZ	<u> </u>	כואטנ	U 1 2 U O T Y U O U Z	U1 U5 U3
	MAN	CHANGE	OCT74	01206-90902			
		보면한 기업을					
1207A		& SERV MAN		01207-90903		01207-90803	01 08 04
	MAN	CHANGE	APR72	01207-90903	발생일다. 수		
1207A/B	SERV	NOTE SET BEL	OW		OCT85		

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1340A-C05 1340A-C18 1340A-H05

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1207A/B	1201A/B-0PT 009-1 CONT D	APR70 1207A SER 922 & DOWN.1207B SER 924 & DOWN.PREF REPL FOR VR6 ON STORAGE-PULSE BOARD HP P/N 01201-66502
	1207A/B-1A 1207A/B-2A CONT'D	JIL69 WO SER 901 & DOWN.MOD TO STANDARDIZE ERASE TIME JIN71 WO 1207A SER 922 & DOWN.1207B SER 924 & DOWN.MOD TO ELIM MOMENTARY WRITE GUN TURN-ON AFTER ERASURE
	1207A/B-3 CONT ³ D	MAY71 WO 1207A SER 0979A00191 & DOWN.1207B SER 1118A00246 & DOWN.IMPUT PREAMP PROTECTION WHEN MAKING PWR MEASUREMENTS
	1207A/B-4 1207A/B-5A 1207A/B-6 1207A-7-S 1201A/B-8/1207A/B-?	FEB73 WO SER 1212A & DOWN.INTENSITY CNTRL LOSS AUG79 WN ALL SER.PREF REPL FOR A6Q4 NOV73 WO ALL SER.NUT ADAPT FOR INTENSITY POT. MAR85 WA SAFETY:ALL SER.POSS HAZ DUE TO INSTR HANDLE BREAKAGE
2078	OPER & SERV MAN Man Change	JUL76 WN 1207A SER 1132A & DOWN.1207B SER 1133A & DOWN.MOD TO CRT OCT71 01207-90903
208A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR71 01208-90907 FEB85 01208-90807 8L 01 08 02 APR75 01208-90907
	1200A-2 1200-3A 1201A/B-OPT 009-1 1208A/OPTNH11-1 1208AH11/H12-1A H11-1208A-2 1208A-3 H11-1208A-4 H11-1208A-5 H11-1208A-6/	JAN69 1208AR SER 846 & ABOVE.NEW MODEL DESIGNATION FOR 1200 SERIES. SEP69 WO 1208A SER 849-00126 & DOWN.1208B SER 849-00141 & DOWN.MOD TO IMPR RELIABILITY APR70 SER 965 & DOWN.PREF REPL FOR VR6 ON STORAGE-PULSE BOARD HP P/N 01201-66502. APR70 SER 922 & BELOW.PREF REPL FOR 1A2C1 & 1A2C2 JAN71 WO SER922-00321 & BELOW.MOD TO ELIM MOMENTARY WRITE GUN TURN-ON AFTER ERASURE. MAR73 WN SER 1130A & DOWN.CHANGES ON STORAGE PULSE ASSEMBLY A4. AUG73 WN SER 1212A & DOWN.MOD TO IMPR STORAGE UNIFORMITY AUG73 WO SER 1306A & DOWN.HIGH VOLTAGE OSCIL DOUBLE-MODING & PREF REPL FOR A6Q4 SEP73 WO SER 1330A & DOWN.POT TRACE SHRT PROB DEC73 WN ALL SER.TIPS FOR RECOGNIZING & IDENTIFYING STORAGE CRT PROBLEMS
	133/A/C-4 H11-1203A-7/ 1330A-3/1331A/C-7	MAY74 WO SER 1330A & DOWN.PREF REPL FOR HV RECTIFIER DIODES
	H11-1208A-8/ 1330A-5/1331A/C-9	JUN74 WN ALL SER-IMPR PWR TRANSTR CONN METHOD
	H11-1208A-9 H11-1208A-10 1201A/B-7/1208A/	DEC74 WN ALL SER.PREF REPL FOR A6Q3 JAN75 WA SER 1330A & DOWN.PREF REPL FOR A3CR1 + A3CR2 MAY75 WO 1208A/H11 SER 1242A & DOWN.1208B/H20 SER 0971A & DOWN.PREF REPL FOR RESIST R5 & R6
	H11-11/1208B/H20-1 H11-1208A-12 H11-1208A-13 1208A-14-S	ON HV BOARD AUG79 WN SER 1306A & BELOW.PREF REPL FOR HI V OSC AUG79 WN SER 1330A & BELOW.PREF REPL FOR A6Q4 MAR85 WA SAFETY:ALL SER.POSS HAZ DUE TO INSTR HANDLE BREAKAGE
1208A-H11	OPER & SERV MAN Man Change	NOV72 01208-90908 SEP85 01208-90808 8L 01 08 02 APR75 01208-90903
1208B	OPER & SERV MAN MAN CHANGE	APR71 01208-90%07 FEB85 01208-90807 8L 01 08 02 APR75 01208-90907
1208B-H20	OPER & SERV MAN	MAY71 01208-90906 SEP74 01208-90806 01 08 02
215A	OPER & SERV MAN	JUL71 01215-90902 JUN75 01215-90802 01 08 03
1215A/B	SERV NOTE SET BELOW 1215A/B-1A 1215A/B-2	OCT85 AUG79 WN ALL SER.PREF REPL FOR A6Q4 NOV73 WO ALL SER.NUT ADAPT FOR INTENSITY POT

11/08/85 MODEL NUMBER 1340A-H05 1345A 1345A-003 1346A 1346A-003 1347A 1349A 1349D 135 135 DTA 135/136

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MODEL O LITERATURE NUMBER C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G
1215A/B 1215A-3-S	*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** MAR85 WA SAFETY: ALL SER. POSS HAZ DUE TO INSTR HANDLE BREAKAGE
1215AB OPER & SERV MAN	JUL71 01215-90902 JUN75 01215-90802 01 08 03

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1215A OPER & SERV MAN JUL71 01215-90902 JUN75 01215-90802 01 08 03

1215A/B SERV NOTE SET BELOW OCT85
1215A/B-1A AUG79 WN ALL SER.FREF SEPL FOR A6Q4
1215A/B-2 NOV73 WO ALL SER.NUT ADAPT FOR INTENSITY POT
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11/08/85
                                                                                                                            PAGE 38
  MODEL
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                    LITERATURE
                                    H/C
                                              H/C PART
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                                          *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1215A/B
               1215A-3-S
                                    MAR85 WA SAFETY: ALL SER. POSS HAZ DUE TO INSTR HANDLE BREAKAGE
1215AB
               OPER & SERV MAN
                                    JUL71 01215-90902
                                                           JUN75 01215-90802
                                                                                 01 08 03
1215B
               OPER & SERV MAN
                                    JUL71 01215-90902
                                                           JUN75 01215-90802
                                                                                 01 08 03
1217A
               OPER & SERV MAN
                                    OCT71 01217-90901
                                                           APR74 01217-90801
                                                                                 01 08 04
               MAN CHANGE
                                    JAN74 01217-50901
1217A/B
               SERV NOTE SET BELOW
                                                           OCT85
               1217A/B-1
                                             SER 947 & DOWN.PREF REPL FOR A3929,30,35, & 36
                                    APR70
               1217A/B-2A
                                    AUG79 WN ALL SER. PREF REPL FOR A6Q4
               1217A/B-3
                                    NOV73 WO ALL SER. NUT ADAPT FOR INTENSITY POT.
                                    MAR85 WA SAFETY: ALL SER. POSS HAZ DUE TO INSTR HANDLE BREAKAGE
               1217A-4-S
1217B
               OPER & SERV MAN
                                   OCT71 01217-90901
                                                           APR74 01217-90801
                                                                                 01 08 04
               MAN CHANGE
                                    JAN74 01217-90901
122A/AR
               OPER & SERV MAN
                                    AUG66 00122-90901
                                                          MAY75 00122-90801
                                                                                 01 08 02
               MAN CHANGE
                                    AUG67 00122-90901
               MAN SUPP
                                    JAN00 00122-90901
               SERV NOTE SET BELOW
                                                           OCT78
               122A-1A
                                    AUG63
                                             MOD TO REPL SWEEP/HORIZ SWITCH
               122A-2A
                                             INT GRAD CRT MOD KIT
               122A-3A
                                   OCT65
                                             MOD FOR SINGLE SWEEP OPERATION
                                             SER 521 & DOWN.PWR XFMR REPLACEMENT
               122A-4
                                   OCT65
               122A-5
                                    JUL68 WO SER 521-07401 & DOWN.MOD TO IMPROVE HV CIRCUIT
1220A
               OPER & SERV MAN
                                    FEB74 01220-90001
                                                          APR78 01220-90051 8L 01 B1 02
               MAN CHANGE A
                                    DEC75 01220-90001
               MAN CHANGE B
                                    FEB78 01220-90001
               MAN CHANGE US
                                    APR75 01220-90001
               OPER & SERV MAN
                                    JUN75 5951-8795
                                                          AUG75 5951-8796 * 8L 01 B1 04 USE 1220A FICHE 01220-90802
                                    JAN79 01220-90902
               OPER & SERV MAN
                                                           JAN80 01220-90802* 8L 01 B1 02 USE 1220A FICHE 01220-90808
               OPER & SERV MAN
                                    MAY82 01220-90908
                                                          OCT82 01220-90808 8L 01 32 02
               INSTALL INSTRUC
                                    DEC83 01220-90909
                                                           FEB84 01220-90809
                                                                             8L 01 08 01
               INSTALL INSTRUC
                                   DEC83 01220-90910
                                                           FEB84 01220-90810 8L 01 08 01
               INSTALL INSTRUC
                                   DEC83 01220-90911
                                                           FEB84 01220-90811 8L 01 08 01
               SERV NOTE SET BELOW
                                                           OCT85
               1220A-1
                                    APR74 WO SER 1322600361 & UP.CHOPPER OSCIL MOD
               1220A-2
                                    MAY74 WN SER 1461A01300 & DOWN.LO FREQ TRIGGER
                                    MAY74 WN ALL SER.REMOVAL & REPL OF ASSEMBLIES
               12204-3/12214-1
               1220A-4/1221A-2
                                   JUN74 WN ALL SER.NORMAL TRIGGER MODE
JUL74 WN SER 1416A01815 & UP.NEW SAFTY PLATE
               1220A-5
                                    AUG74 WN ALL SER.TV SYNC SEPARATOR CHECK
               1220A-6/1221A-3
               1220A-7
                                    AUG74 WA ASTIGMATISM ADJUSTMENT
                                   SEP74 WN ALL SER-SERVICING INFORMATION
               1220A-8/1221A-4
               1220A-9
                                    OCT74 WO SER 1416A-02340 & DOWN.TRIGGERING AT LOW AMPLITUDES
                                   OCT74 WO ALL SER.DC TRACE SHIFT
               1220A-10
               1220A-11A
                                   AUG76 WO ALL SER. HIGH VOLTAGE REGULATOR ADJUST
               1220A-12
                                   OCT74 WO ALL SER.REPL OF CAP A1C401, A1C402,8 A1C407
               1220A-13/1221A-5
                                    NOV74 WN ALL SER. TROUBLESHOOTING TIPS
               12204-14
                                   DEC74 WA SER 1416AD2656 TO 1416AD276D.SWEEP PROBLEMS IN 1 MICROSEC TO 5D SEC RANGE
               1220A-15
                                   DEC74 WO ALL SER. INSULATOR CAPS
               1220A-16/1221A-6
                                   DEC74 WN ALL SER. SERVICE KIT.
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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 39 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
1220A	1220A-17 1220A-18/1221A-7 1220A-19/1221A-8 1220A-20 1220A-21A 1222A-1	DEC74 WO SER 1416A03150 & DOWN.HV BOARD MOD DEC74 WO ALL SER.ANTISTATIC SOLUTION EB75 WN ALL SER.IMPR HEAD SINK INSULATION EB75 WO SER 1416A-03970 & DOWN.SWEEP PROBLEM NG78 WO SER 1814A, 1814S & BELOW.REC CRT REPL	

11/08/85 MODEL NUMBER 1351A-902

1351A-905

11/08/85

135/136

135A

1350A

1350s

13505A

1351A

1351A-001

1351A-002

1351A-900

1351A-901

135C/135CM

MODEL

NUMBER

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AGE 23

LEVELS

1220A-13/1221A-5	NOV74	WN ALL	SER. TROUBLESHO	OTING TIPS	HOUSEAN MICAG			
1220A-14	DEC74	WA SER	1416A02656 TO	1416A02760	SWEEP PROBLEM	S IN 1	MICROSEC TO	50 SEC RANGE
1220A-15	DEC74	HO ALL	SER. INSULATOR	CAPS				
1220A-16/1221A-6	DEC74	WN ALL	SER.SERVICE KI	Τ.				

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11/08/85 MODEL NUMBER 1351A-902 1351A-904 1351A-905 1351A-906 1351A-908 1351A-909 13518 13515A 136 136A 1360s 140A

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 39 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1220A	1220A-17 1220A-18/1221A-7 1220A-19/1221A-8 1220A-20 1220A-21A 1222A-1	DEC74 WO SER 1416A03150 & DOWN.HV BOARD MOD DEC74 WO ALL SER.ANTISTATIC SOLUTION FEB75 WN ALL SER.IMPR HEAD SINK INSULATION FEB75 WO SER 1416A-03970 & DOWN.SWEEP PROBLEM AUG78 WO SER 1814A, 1814S & BELOW.REC CRT REPL
	1220A-23/1221A-11/ 1222A-3 1220A-24 1220A-26A CONT'D 1220A-3 1220A-27	MAR76 WO REC RESIST CHANGE A2A1R2 FROM .25 WATT TO.50 WATT IN 200 VOLT SUPPLY SUPERSEDES 1220A-22/1221A-10/1222A-2 JUL76 WO SER 1609A.PREF PRTS REPL TO IMPR REL OF +95 VOLT SUPPLY & INTENSITY LIMIT CIRCUIT JUL83 WO SER 1341A THRU 1709A.REC REPL FOR COUPLER SHAFTS MP25 & INSTEN & FOUCUS POTMETER, A3R9 & R14 DEC78 WN REPL OF OBSOLETE BOARDS AUG85 WA ALL SER.MOD TO PREV POT HANDLE BREAKAGE
220A-007	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	JUN75 5951-8795 AUG75 5951-8796 * 8L 01 08 04 USE 1220A-007 FICHE 01220-90802 JAN80 01220-90802* 8L 01 32 02 USE 1220A-007 FICHE 01220-90808 MAY82 01220-90908 OCT82 01220-90808 8L 01 32 02
2214	1220A-21/1221A-9/ 1222A-1 1220A-23/1221A-11/ 1222A-3	FEB74 01220-90001 APR78 01220-90051 8L 01 B1 02 DEC75 01220-90001 FEB78 01220-90001 APR75 01220-90001 MAY74 WN ALL SER.REMOVAL & REPL OF ASSEMBLIES JUN74 WN ALL SER.NORMAL TRIGGER MODE AUG74 WN ALL SER.TV SYNC SEPARATOR CHECK SEP74 WN ALL SER.SERVICING INFORMATION NOV75 WN ALL SER.SERVICE KIT DEC74 WN ALL SER.SERVICE KIT DEC74 WN ALL SER.ANTISTATIC SOLUTION FEB75 WN ALL SER.ANTISTATIC SOLUTION FEB75 WN ALL SER.ANTISTATIC SOLUTION OCT75 WO SERVICE PROCEDURES TO REPL CRT MAR76 WO REC RESIST CHANGE A2A1R2 FROM .25 WATT TO .50 WATT IN 200 VOLT SUPPLY.SUPER 1220A-22 NOV78 WN REPL OF OBSOLETE BOARDS
1222A	OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN INSTALL INSTRUC INSTALL INSTRUC INSTALL INSTRUC SERV NOTE SET BELOW 1222A-1A 1222A-2 1222A-2 1222A-3 1220A-23/1221A-11/ 1222A-3	APR76 01222-90003

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 40 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1222A	1222A-6 CONT'D	JUN83 WN SER 1341A THRU 1709A.REC REPL FOR COUPLER SHAFTS MP25 & INSTEN & FOUCUS POTMETER, A3R9 & R14
	1222A-7	AUG85 WA ALL SER. MOD TO PREV POT HANDLE BREAKAGE
1223A	PRELIM OP & SVC MAN OPER & SERV MAN	DEC76 01223-90002 APR78 01223-90502* 8L 01 B1 02 USE 1223A FICHE 01223-95003 AUG79 01223-95003 8L 01 B1 03
1274	ADED 9 CERV MAN	ukunza notatzokan kalan kalan kalan kalan kalan bahar ba Limpa notatzokan kalan bahar kalan kalan bahar bah

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140T-580

140T-908

1400A

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1401A

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1405A

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1222A	1222A-6 CONT'D 1222A-7	JUN83 WN SER 1341A THRU 1709A.REC REPL FOR COUPLER SHAFTS MP25 & INSTEN & FOUCUS POTMETER, A3R9 & R14 AUG85 WA ALL SER.MOD TO PREV POT HANDLE BREAKAGE
1223A	PRELIM OP & SVC MAN OPER & SERV MAN	DEC76 01223-90002 APR78 01223-90502* 8L 01 B1 02 USE 1223A FICHE 01223-95003 AUG79 01223-90003 NOV79 01223-95003 8L 01 B1 03
123A	OPER & SERV MAN OPER & SERV MAN	JAN77 00123-99002 DEC78 00123-99052* 8L 01 33 02 USE 123A FICHE 00123-90054 DEC78 00123-90004 JAN79 00123-90054 8L 01 33 02
1230A	OPER & SERV MAN MAN CHANGE	FEB76 01230-90002 DEC76 01230-90502 8L 01 B1 02 AUG76 01230-90002
12533A	SERV NOTE SET BELOW 12533A-1/12534A-1/ 12550A-1/12567A-1	JUL80 SEP70 WO DATE CODE BELOW G-702-6.MOD FOR DECR SUSCEPTBLY TO ENVIRONMENTAL NOISE
12534A	SERV NOTE SET BELOW 12533A-1/12534A-1/ 12550A-1/12567A-1	JUL80 SEP70 WO DATE CODE BELOW G-702-6.MOD FOR DECR SUSCEPTBLY TO ENVIRONMENTAL NOISE
12550A	SERV NOTE SET BELOW 12533A-1/12534A-1/ 12550A-1/12567A-1	JUL80 SEP70 WO DATE CODE BELOW G-702-6.MOD FOR DECR SUSCEPTBLY TO ENVIRONMENTAL NOISE
12564A	SERV NOTE SET BELOW 12564A-1	MAY78 Jan70 wo mod to impr rel of sign bit
12567A	SERV NOTE SET BELOW 12533A-1/12534A-1/ 12550A-1/12567A-1	
12661A	SERV NOTE SET BELOW 12661A-2	MAY78 OCT70 WO DATE CODE BELOW A-902-6.MOD TO PREV POSSIBILITY OF RANDOM OUTPUTS.SUPERS 12661A-1
12722A	SERV NOTE SET BELOW 12722A-1 12722A-2	MAY78 NOT AVAILABLE JUN74 ALL SER; SUPER P12722A-1. UPDATE OF SERVICE KIT
12723A	SERV NOTE SET BELOW 12723A-1B	MAY78 APR73 ALL SER.LIST OF KIT COMPON FOR SERVICING THE 2310C & 2312A SUBSYSTEMS
12750B	SERV NOTE SET BELOW 12750B-1	MAY78 DEC73 WO SER 1202A TO 1317A.C21 CHNG IF Q18 REPLACED
12770A	SERV NOTE SET BELOW 12770A-1 CONT'D	MAY78 NOV73 WA ALL SER.MOD TO PREV SYSTEM LOCK-UP WHEN USED WITH HP 3480B & HP 2570A COUPL WITH P BOARD PROGRAMMER
12797A	SERV NOTE SET BELOW 12797A-1	MAY78 MAY71 WO DATE CODES BELOW 61106-6.MOD TO PREV INCORRECT DATA TRANSFER
2800A	SERV NOTE SET BELOW 12800A-1	MAY78 DEC70 WO DATE CODES BELOW 1039-6.MOD TO PREV ERRONEOUS CHARACTER PUNCH
		이용하는 사람들은 보통 회의에 불어로 불어로 가는 사람들이 있는 사람들이 되었다. 그는 사람들이 되었다는 사람들이 되는 사람들이 되었다. 사람들이 되었다. 사람들이 되었다. 사람들이 되었다. 그는

	12797A - 1	MAY71 WO DATE CODES BELOW 61106-6.MOD TO PREV INCORRECT DATA TRANSFER	
12800A	SERV NOTE SET BELOW 12800A-1	MAY78 DEC70 WO DATE CODES BELOW 1039-6.MOD TO PREV ERRONEOUS CHARACTER PUNCH	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION	GE 41
12940A	SERV NOTE SET BELOW 12940A-1 CONTD	OCT80 JUN8O WA DATE CODES K9-81000 THRU K9-81500 & L9-80000 THRU L9-81750.DISC CARTRIDGE EXCH PROGRAM	ANGE
130A	OPER & SERV MAN Man Change	AUG61 130A-900 JAN76 130A-800 8L 01 08 02 JUL62 130A-900	
1308	OPER & SERV MAN MAN CHANGE	JAN62 130B-900 DEC83 130B-800 8L 01 08 02 May67 130B-900	

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1407A

1408A

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2940A	SERV NOTE SET BELOW 12940A-1 CONTD	JUN80	OCT80 WA DATE CODES K9-81000 THRU K9-81500 & L9-80000 THRU L9-81750.DISC CARTRIDGE EXCHANGE PROGRAM
30 A	OPER & SERV MAN MAN CHANGE		130A-900 JAN76 130A-800 8L 01 08 02 130A-900
308	OPER & SERV MAN MAN CHANGE		1308-900 DEC83 1308-800 8L 01 08 02 1308-900
308/8R	SERV NOTE SET BELOW 1308-1A 1308-2A	DEC65	OCT78 130B SER BELOW 118-06101/130BR SER BELOW 118-06201.MOD TO IMPROVE DC STABILITY INT GRAD CRT MOD KIT
308R	OPER & SERV MAN MAN CHANGE	1 7	130B-900 DEC83 130B-800 8L 01 08 02 130B-900
30c	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SE' BELOW 130C-1 130C-2 130C-3 130C-4A 130C-5 130C-6A 130C-7 130C-8 130C-9 130C-10 130C-11	NOV66 FEB73 APR64 APR65 OCT65 JUL76 MAY68 OCT66 JUL68 OCT70 FEB74	130C-901 M/R74 130C-801 01 08 03 FOR SER PFX 235 130C-905 JUN73 130C-805 01 08 02 FOR SER PRX 309 & ABOVE 130C-905 MAY78 MOD KIT PROVIDING REAR P/NEL INPUTS SER BELOW 445-MOD TO IMPR LOW FREQ RESPONSE + COMMON MODE REJECTION NOT AVALABLE SER BELOW 537-MOD FOR IMPR DIODE TURN-ON PROCTECTION MOD FOR IMPR SWEEP TIME ACCURACY WO PREF REPL FOR Q421, Q441, Q461 SER BELOW 627-05110.MOD TO PROT LOW VOLTAGE SER REG TRANSISTORS WO SER BELOW 644-0751.MOD FOR INCR HV CIRCUIT RELIABILITY WO SER BELOW 938.REC REPL OF TRANSISTORS Q1, Q2, Q201, + Q202 WN ALL SER.AMPLF BALANCE PROBLEMS WN ALL SER.REPL FOR Q3, Q4, Q203, Q204
300A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 1300A-1 1300A-2 1300A-3 1300A-4 1300A-5 1300A-6 1300A-7 1300A-10/1308A-10/ 1309A-10 1300A-11 1300A-12 1300A-13B	JUL73 APR76 JAN68 MAR69 JUN69 NOV69 JAN70 APR70 APR70 JAN75 AUG75 APR77	01300-90901 APR71 01300-90801* 01 08 02 USE 1300A FICHE 01300-90804 01300-90904 JUN75 01300-90804* 01 08 02 USE 1300A FICHE 01300-90806 01300-90906 MAY77 01300-90806 8L 01 08 02 JAN79 WO ALL SER-PREF REPL FOR Q° + Q2, OR Q2 + Q8 INPUT FET'S WO HIGH VOLTAGE FUSE CHANGE WO PREF TRANSTR REPLACEMENT WA SER 920-00960 & DOWN.MOD FOR IMPR Z-AXIS AMPLIFIER RELIABILITY PREF REPL FOR A2A1Q1, Q2, Q7, & Q8 REPLACEMENT OF A3Q7 & A3Q8 SER 956 & DOWN.PREF REPL FOR 13C0A/A4C5 & 13D9A/A6C5 WO 1300A SER 1350A & DOWN.PREF REPL FOR HV REGLTR ASSY & HV OSCIL TRANSTR.SUPER 1300A-9 /1308A-8/1309A-8 WO SER 1508A & DOWN.MOD TO IMPR INTENSITY STABILITY WN SER 1151A & BELOW.MOD KIT 5061-0853 FOR IMPROVED CRTS WO ALL SER.REQUIRED MOD IF HIGH VOLTAGE OSCILLATOR IS REPLACED
300A-H09	OPER SUPP		01300-90905
300A-H82	SERV NOTE SET BELOW H82-1300A-1 H82-1300A-2	AUG73 SEP73	JAN80 WN ALL SER.TRANSFER TO PRODUCTION OPTION STATUS WN SER 1204A & DOWN.PREF REPL FOR A5 & REC REPL FOR A5.

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 42 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1300A-H82	H82-1300A-3/ 1308A-7/1309A-7 H82-1300A-4	SEP73 WN SER 1204A & DOWN.PREF REPL FOR A6, A6F1, & A6F4 JUN76 WO ALL SER.MOD TO RED POSSIBILITY OF HIGH FREQ OSCILLATION
1302A	SERV NOTE SET BELOW 1302A-1 1302A-2A 1302A-3 1302A-4A 1302A-5	APR82 SEP79 WN SER 1643A & BELOW.PREF PARTS REPL TO INCREASE REL OF X & Y AMPLIFIERS JUN80 WA SER 1643A & BELOW.MOD TO IMPR REL MAR80 WN SER 1721A & BELOW.PREF REPL FOR ASTIGMATISM POT JAN82 WA SER 1920A & 1951A.MOD KIT TO IMPROVE REL OF +158 V PWR SUPPLY NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRDDOWN OF POST ACCELERATOR CONN

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 42 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
300A-H82	H82-1300A-3/ 1308A-7/1309A-7 H82-1300A-4	SEP73 WN SER 1204A & DOWN.PREF REPL FOR A6, A6F1, & A6F4 JUN76 WO ALL SER.MOD TO RED POSSIBILITY OF HIGH FREQ OSCILLATION
1302A	SERV NOTE SET BELOW 1302A-1 1302A-2A 1302A-3 1302A-4A 1302A-5	APR82 SEP79 WN SER 1643A & BELOW.PREF PARTS REPL TO INCREASE REL OF X & Y AMPLIFIERS JUN80 WA SER 1643A & BELOW.MOD TO IMPR REL MAR80 WN SER 1721A & BELOW.PREF REPL FOR ASTIGMATISM POT JAN82 WA SER 1920A & 1951A.MOD KIT TO IMPROVE REL OF +158 V PWR SUPPLY NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRDDOWN OF POST ACCELERATOR CONN
13044	OPER & SERV MAN MAN CHANGE OPER NOTE SERV NOTE SET BELOW 1304A-1 1304A-2A 1304A-3 1304A-4A 1304A-5A 1304A-6 1304A-7	NOV77 01304-90902 MAR82 01304-90902 NOV77 01304-90903 JAN78 01304-90803 8L 01 08 01 OCT82 SEP79 WN SER 1715A & BELOW.PREF PARTS REPL TO INCREASE REL OF Z AMPLIFIER JUN80 WA SER 1715A & BELOW.MOD TO IMPR REL MAR80 WN SER 1715A & BELOW.PREF REPL FOR ASTIGMATISM POT AUG81 WA SER 1715A & 1920A.MOD KIT THAT IMPROVES REL OF +158V PWR SUPPLY SEP81 WN SER 1920A FOR OPT C15.PREF REPL FOR A1 MOTHERBOARD 01304-93020 NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN APR82 WO ALL SER.DEFECTIVE COMPON ALERT
304A-C06	MOD SHEET	APR81 01304-90907 JUN81 01304-90807 8L 01 08 01
304A-C14	MOD SHEET MOD SHEET	APR81 01304-90908
1304A-C15	MOD SHEET MOD SHEET	DEC81 01304-90911
1304A-H02	MOD SHEET	OCT81 01304-90912 DEC81 01304-90812 8L 01 08 01
1308A	/1309 A- 7	APR70 SER 955 & DOWN.REPLACEMENT OF CRT MAR72 WO SER 1148A00440 & DOWN.CRT PROTECTION CIRCUIT LOADING ERROR APR72 WO SER 1122A & DOWN.RED VERTICAL DRIFT & DC OFFSET DEC72 WO SER 1222A & DOWN.SWEEP GEN HANGUP. APR73 WN SER 1303A & DOWN.NEW CRT GRATICULE. AUG73 WO SER 1315A & DOWN.ADDN OF HEAT SINKS ON X/Y OUTPUT STAGE TRANSITORS SEP73 WN SER 1222A & DOWN.PREF REPL FOR A9, A9F1 & A9F4
	1308A-9/1309A-9 1300A-10/1308A-10/ 1309A-10 1308A-11 1308A-12 1308A-13B	DEC74 WN ALL SER.PREF REPL FOR A4Q3, A4Q4, A4Q9, & A4Q10 JAN75 WO 1308A SER 1444A & DOWN.PREF REPL FOR HV OSCIL TRANSTR & REQ HOD IF HV OSCIL TRANSTR IS REPL.SUPER 1300A-9/1308A-8/1309A-8 AUG75 WO SER 1522A & DOWN.REC CIRCUIT CHANGES FOR IMPR INTENSITY STABLLITY JUL77 WN SER 0967A & BELOW.MOD KIT 5061-0853 FOR IMPROVED CRTS MAY78 WO ALL SER.REQUIRED MOD IF HIGH-VOLTAGE OSCILLATOR IS REPLACED
1309A	SERV NOTE SET BELOW 1300A-7 1309A-1 1309A-2 1309A-3 1309A-4	JAN79 APR70 SER 958 & DOWN.PREF REPL FOR 1300A/A4C5 & 1309A/A6C5 MAR69 WO FUSE CHANGE JAN72 WO SER 915 TO 1147A00846.CRT PROTECTION CIRCUIT LOADING ERROR APR72 WO SER 1142 & DOWN.RED VERTICAL DRIFT & DC OFFSET APR73 WN ALL SER.ERROR IN MANUAL CHANGE SHEETS

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11/08/85 MODEL NUMEER	O LITERATURE C TYPE	PAGE 43 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1309A	1309A-5	APR73 WN SER 1252 & DOWN.NEW CRT GRATICULE
	1309A-6	AUG73 WO SER 1318A & DOWN.ADDN OF HEAT SINKS ON X/Y OUTPUT STAGE TRANSTR
	H82-1330A-3/ 1308A-7/1309A-7	SEP73 WN SER 1252A & DOWN.PREF REPL FOR A9, A9F1, & A9F4
	1308A-9/1309A-9	DEC74 WN ALL SER. PREF REPL FOR A4Q3, A4Q4, A4Q9, & A4Q10
	1300A-10/1308A-10/ 1309A-10	JAN75 WO 1309 SER 1441A & DOWN.PREF REPL FOR HV REG ASSY & HV OSCIL TRANSTR & REQ MOD IF HV OSCIL IS REPL.SUPER 1300A-9/1308A-8/1309A-8
	1309A-11	AUG75 WO SER 1525A & DOWN. REC CIRCUIT CHANGES FOR IMPR INTENSETY STABILITY
	1309A-12	APR77 WN SER 0958A & BELOW.MOD KIT 5061-0853 FOR IMPROVED CRTS
	1309A-13B	MAY78 WO ALL SER. REQUIRED MOD IF HIGH VOLTAGE OSCILLATOR IS REPLACED
1310A	OPER & SERV MAN	JUN71 5951-1195 AUG73 5951-1196 * D1 08 03 USE 1310A FTCHF 5955-2419

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309A	1309A-5 1309A-6 H82-1330A-3/ 1308A-7/1309A-7	APR73 WN SER 1252 & DOWN.NEW CRT GRATICULE AUG73 WO SER 1318A & DOWN.ADDN OF HEAT SINKS ON X/Y OUTPUT STAGE TRANSTR SEP73 WN SER 1252A & DOWN.PREF REPL FOR A9, A9F1, & A9F4
	1308A-9/1309A-9 1300A-10/1308A-10/ 1309A-10 1309A-11 1309A-12 1309A-13B	DEC74 WN ALL SER.PREF REPL FOR A4Q3, A4Q4, A4Q9, & A4Q10 JAN75 WO 1309 SER 1441A & DOWN.PREF REPL FOR HV REG ASSY & HV OSCIL TRANSTR & REQ MOD IF HV OSCIL IS REPL.SUPER 1300A-9/1308A-8/1309A-8 AUG75 WO SER 1525A & DOWN.REC CIRCUIT CHANGES FOR IMPR INTENSITY STABILITY APR77 WN SER 0958A & BELOW.MOD KIT 5061-0853 FOR IMPROVED CRTS MAY78 WO ALL SER.REQUIRED MOD IF HIGH VOLTAGE OSCILLATOR IS REPLACED
1310A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1310A FICHE 5955-2419 JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1310A FICHE 5955-2419 MAT75 5951-8791 JUL75 5951-8792 * 8L 01 08 03 USE 1310A FICHE 5955-2419 OC: 76 5955-2418 MAY79 5955-2419 8L 01 08 03 AFA79 5955-2418 SEP: 6 5955-2418 BACK-DATES TO ALL SERIALS
	SERV NOTE SET BELOWANT 1310A-1 1310A-2 1310A-4 1310A-5 1310A-6 1310A-6 1310A-8B/1311A-7A 1310A-8B/1311A-9 1310A-10/1311A-10 1310A-11/1311A-11 1310A-12/1311A-12 1310A-13/1311A-13/1317A-1/1321A-1	MAR72 WO SER 1148A & DOWN.INTERMITTENT OR FLICKERING DISPLAY INTENSITY MAY72 WO SER 1148A00215 & DOWN.INSUFFICIENT HV SEP72 WO SER 1148 & DOWN.PHOSPHOR PROTECTION CIRCUIT REACTION TIME REDUCTION OCT72 WN ALL SER.SERVICE TOOL FEB73 WN HV TRANSFORMER REPLACEMENT APR73 WN SER 1301A & DOWN.CORRECTION FOR DRIVE DEFOCUSING JUN74 WN 1310A SER 1301A & DOWN.IMPR HV PWR SUPPLY SEP74 WN 1310A SER 1406A & DOWN.MOD TO RED COUPLING BETWEEN 2-AXIS INPUT & X/Y INPUTS OCT73 WN SER 1316A.PREF REPL FOR A5. OCT73 WN ALL SER.STOCK NUMBERS FOR ORDERING MASK ASSY NOV73 WO SER 1316A & DOWN.POSSIBILITY OF INSUFFICIENT GAIN RANGE AFTER REPLA1U2 OR A3U2 AUG74 WN ALL SER.REPL PN FOR PWR INDICATOR LAM P & FRONT MASK ASSY JAN75 WN ALL SER.REC REPL &/OR SPARE PRINTED CIRCUIT BOARD ASSY
	1310A-14/1311A-14/ 1317A-2/1321A-2 1310A-15/1311A-15/ 1317A-3/1321A-3	JUL75 ALL SER.PREF REPL FOR CIRCUIT BOARDS & ASSEMBLIES JUL75 NO ALL SER.NOISE BAR IN DISPLAY
	1310-16 1310A-17/1311A-18 1310A-18 1310A-19-S 1310A-20 1310A-21	AUG75 WO SER 1520 & DOWN.REPL PN FOR A1U1 &/OR A3U1 FEB77 WA ALL SER.PWR TRANSF PN ERROR OCT77 WN ALL SER.IMPR REL X-Y&Z AXIS AMPLIFIER AUG78 WO SAFETY.SER 1812A01656 & BELOW.ELIM POT HZRD. MAR81 WA SER 1921A.MOD TO IMPROVE REL OF 250V LOW VOLTAGE POWER SUPPLY NOV81 UN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
1310A-C27	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723
1310A-003	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1310A-003 FICHE 5955-2419 JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1310A-003 FICHE 5955-2419 OCT76 5955-2418 MAY79 5955-2419 BL 01 08 03 APR79 5955-2418 SEP76 5955-2418 BACK-DATES TO ALL SERIALS
1310A-005	OPER & SERV MAN	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1310A-005 FICHE 5955-2419
		사는 그들은 말이 그 모든 하게 하다 보는 이 만든 이 이트 보다는 소설이 가르고 있는데 전에 사랑하다면 그래요 그릇이고 하는데 가입니다. 나는 사는 없다

1310A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1310A FICHE 5955-2419 JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1310A FICHE 5955-2419 MAY75 5951-8791 JUL75 5951-8792 * 8L 01 08 03 USE 1310A FICHE 5955-2419 OC' 76 5955-2418 MAY79 5955-2419 8L 01 08 03 AFR79 5955-2418
	SERV NOTE SET BELOW	SEPTO 5955-2418 APR82
	1310A-1 1310A-2	MAR72 WO SER 1148A & DOWN.INTERMITTENT OR FLICKERING DISPLAY INTENSITY MAY72 WO SER 1148A00215 & DOWN.INSUFFICIENT HV
	1310A-3 1310A-4 1310A-5	SEP72 WO SER 1148 & DOWN.PHOSPHOR PROTECTION CIRCUIT REACTION TIME REDUCTION OCT72 WN ALL SER.SERVICE TOOL FEB73 WN HV TRANSFORMER REPLACEMENT
	1310A-6	APR73 WN SER 1301A & DOWN.CORRECTION FOR DRIVE DEFOCUSING
	1310A-7A/1311A-7A 1310A-8B/1311A-8B	JUN74 WN 1310A SER 1301A & DOWN.IMPR HV PWR SUPPLY SEP74 WN 1310A SER 1406A & DOWN.MOD TO RED COUPLING BETWEEN 2-AXIS INPUT & X/Y INPUTS
	1310A9/1311A-9 1310A-10/1311A-10	OCT73 WN SER 1316A.PREF REPL FOR A5. OCT73 WN ALL SER.STOCK NUMBERS FOR ORDERING MASK ASSY
	1310A-11/1311A-11 1310A-12/1311A-12	NOV73 WO SER 1316A & DOWN.POSSIBILITY OF INSUFFICIENT GAIN RANGE AFTER REPLATUZ OR A3UZ
	1310A-13/1311A-13/	JAN75 WN ALL SER.REPL PN FOR PWR INDICATOR LAM P & FRONT MASK ASSY JAN75 WN ALL SER.REC REPL &/OR SPARE PRINTED CIRCUIT BOARD ASSY
	1317A-1/1321A-1 1310A-14/1311A-14/	JUL75 ALL SER. PREF REPL FOR CIRCUIT BOARDS & ASSEMBLIES
	1317A-2/1321A-2 1310A-15/1311A-15/ 1317A-3/1321A-3	JUL75 NO ALL SER.NOISE BAR IN DISPLAY
	1310-16 1310A-17/1311A-18 1310A-18	AUG75 WO SER 1520 & DOWN.REPL PN FOR A1U1 &/OR A3U1 FEB77 WA ALL SER.PWR TRANSF PN ERROR OCT77 WN ALL SER.IMPR REL X-Y&Z AXIS AMPLIFIER
	1310A-19-S 1310A-20 1310A-21	AUG78 WO SAFETY.SER 1812A01656 & BELOW.ELIM POT HZRD. MAR81 WA SER 1921A.MOD TO IMPROVE REL OF 250V LOW VOLTAGE POWER SUPPLY NOV81 I'N ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
1310A-c27	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723
1310A-003	OPER & SERV MAN	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1310A-003 FICHE 5955-2419
	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1310A-003 FICHE 5955-2419 OCT76 5955-2418 MAY79 5955-2419 8L 01 08 03 APR79 5955-2418
	MAN SUPP B	SEP76 5955-2418 BACK-DATES TO ALL SERIALS
1310A-005	OPER & SERV MAN	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1310A-005 FICHE 5955-2419
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1310A-005	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1310A-005 FICHE 5955-2419 OCT76 5955-2418 MAY79 5955-2419 8L 01 08 03 APR79 5955-2418 BACK-DATES TO ALL SERIALS
1310A-006	GPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1310A-006 FICHE 5955-2419 0CT76 5955-2418 MAY79 5955-2419 8L 01 08 03 APR79 5955-2418 BACK-DATES TO ALL SERIALS
1310A-008	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 5951-8723

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I310A-005	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	항도 없는 모양으로 하다. 하면 하는 일본 사람들	4 USE 1310A-005 FICHE 5955-2419
1310A-006	GPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	JUN75 5951-8724 * 01 08 0 MAY79 5955-2419 8L 01 08 0	USE 1310A-006 FICHE 5955-2419
1310A-008	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 5951-8723 MAY75 5951-8791 OCT76 5955-2418 APR79 5955-2418	JUN75 5951-8724 * 01 08 0 JUL75 5951-8792 * 8L 01 08 0 MAY79 5955-2419 8L 01 08 0	USE 1310A-008 FICHE 5955-2419 S USE 1310A-008 FICHE 5955-2419
1310A-009	MAN SUPP B OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5955-2418 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	JUN75 5951-8724 * 01 08 0 MAY79 5955-2419 8L 01 08 0	
I310A-057	OPER & SERV MAN MOD	민국 등학생 개발 가 있다는 생활	OCT79 5955-5081 8L 01 08 0	BACK-DATES TO ALL SERIALS
1310A-604	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	AUG73 5951-1196 * 01 08 0	3 USE 1310A-604 FICHE 5955-2419 4 USE 1310A-604 FICHE 5955-2419
310A-607	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	AUG73 5951-1196 * 01 08 0 JUN75 5951-8724 * 01 08 0 MAY79 5955-2419 8L 01 08 0	3 USE 1310A-607 FICHE 5955-2419 4 USE 1310A-607 FICHE 5955-2419
I310A-639	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	AUG73 5951-1196 * 01 08 0 JUN75 5951-8724 * 01 08 0 MAY79 5955-2419 8L 01 08 0	3 USE 1310A-639 FICHE 5955-2419 4 USE 1310A-639 FICHE 5955-2419 3
1310A-905	OPER & SERV MAN MAN CHANGE MAN SUPP B	OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	MAY79 5955-2419 8L 01 08 0	BACK-DATES TO ALL SERIALS BACK-DATES TO ALL SERIALS
1 310 8	OPER & SERV MAN	OCT80 01310-90903 NOV81 01310-90908 DEC83 01310-90908	NOV81 01310-90803* 8L 01 08 0 MAR84 01310-90808 8L 01 08 0	3 USE 1310B FICHE 01310-90808
	1310B-1 1313B-2	NOV81 WN ALL SER APPL	JAN83 ICATION OF HV GREASE TO PREVEN BLUE STRIPE BD EXCHANGE PROG	F ARCING/BRKDOWN OF POST ACCELERATOR CONN
310B-003	MOD SHEET	NOV81 01310-90907	FEB82 01310-90807 8L 01 08 0	
1311A	OPER & SERV MAN	JUN71 5951-1195	AUG73 5951-1196 * 01 08 0	

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 45 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
311A	OPER & SERV MAN	JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1311A FICHE 5955-2419
	OPER & SERV MAN	MAY75 5951-8791 JUL75 5951-8792 * 8L 01 08 03 USE 1311A FICHE 5955-2419
	OPER & SERV MAN	OCT76 5955-2418 MAY79 5955-2419 8L 01 08 03
	MAN CHANGE	APR79 5955-2418
	MAN SUPP B	SEP76 5955-2418
	SERV NOTE SET BELOW	는 전 하다는 일하는 도로 하고 있는데 APR82 다 하는데 된 그 회의 다리를 보고 있어요? 그는 그리는 일반 하는데 이 이 가고 있다고 있다고 있다.
	1 <u>311A-1</u>	MAR72 WO SER 1148A & DOWN.INTERMITTENT OR FLICKERING DISPLAY INTENSITY
	1 <u>3</u> 11A-2	MAY72 WO SER 1148A00161 & DOWN.INSUFFICIENT HV
	1311A-3	SEP72 WO SER 1148 & DOWN.PHOSPHOR PROTECTION CIRCUIT REACTION TIME REDUCTION
	13114-4	OCT72 WN ALL SER. SERV TOOL-EXTENDER CABLE FOR A12 & A14
	13114-5	FEB73 WN ALL SER. HV TRANSF REPL
	1310A-7A/1311A-7A	JUNTA WN 13114 SER 1238A & DOWN.IMPR HV PWR SUPPLY
	1310A-83/1311A-8B	SEM74 WN SER 14054 & DOWN. MOD TO RED COMPLING BETWEEN 2-AXIS INPUT & X/Y INPUTS
	13104-9/13114-9	OCT 73 UN SER 13/164. PREF REPL FOR A5.
机量化量的	1310A-10/1311A-10	OCT/3 WE ALL SED.STOCK NUMBERS FOR ORDERING MASK ASSEMBLIES

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3114	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723
	SERV NOTE SET BELOW 1311A-1 1311A-2 1311A-3 1311A-4 1311A-5 1310A-7A/1311A-7A 1310A-8B/1311A-8B 1310A-9/1311A-9 1310A-10/1311A-10 1310A-12/1311A-11 1310A-12/1311A-12 1510A-13/1311A-13/ 1317A-1/1321A-1	MAR72 WO SER 1148A & DOWN.INTERMITTENT OR FLICKERING DISPLAY INTENSITY MAY72 WO SER 1148A00161 & DOWN.INSUFFICIENT HV SEP72 WO SER 1148 & DOWN.PHOSPHOR PROTECTION CIRCUIT REACTION TIME REDUCTION OCT72 WN ALL SER.SERV TOOL-EXTENDER CABLE FOR A12 & A14 FEB73 WN ALL SER.HV TRANSF REPL JUN74 WN 1311A SER 1238A & DOWN.IMPR E PWR SUPPLY SEP74 WN SER 1485A & DOWN.MOD TO RED COUPLING BETWEEN 2-AXIS INPUT & X/Y INPUTS OCT73 WN SER 1376A.PREF REPL FOR A5. OCT73 WN ALL SER.STOCK NUMBERS FOR ORDERING MASK ASSEMBLIES NOV73 WO SEP 1376A & DOWN.POSSIBILITY OF INSUFFICIENT GAIN RANGE AFTER REPL A1U2 OR A3U2 AUG74 WN ALL SER.REPL PN FOR PHR INDICATOR LAMP & FRONT MASK ASSEMBLIES JAN75 WN ALL SER.REC REPL &/OR SPARE PRINTED CIRCUIT BOARD ASSEMBLIES
	1310A-14/1311A-14/ 1317A-2/1321A-2 1310A-15/1311A-15/	JUL75 ALL SER.PREF REPL FOR CIRCUIT BOARDS & ASSEMBLIES JUL75 WO ALL SER.NOISE BAR IN DISPLAY
	1317A-3/1321A-3 1311A-16 1311A-17 1310A-17/1311A-18 1311A-19 1311A-19-S 1311A-20 1311A-21	AUG75 NO SER 1449A & DOWN.PREF REPL FOR A1U1 &/GR A3U1 NOT AVAILABLE FEB77 WA ALL SER.PHR TRANSFORMER PART NO.ERROR OCT77 WN ALL SER.IMPR REL X-Y&Z AXIS AMPLIFIER AUG78 WO SAFETY.SER 1552A01477 & BELOW.ELIM POT HZRD. OCT80 WA SER PFX 1915A ONLY.NEW RFI SUPP CAP A11C8 TO IMPR REL OF 250V LO VLTG PWR SUPPLY NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
311A-c27	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723 JUN75 5951-8724 * 01 08 G4 USE 1311A-C27 FICHE 5955-2419 OCT76 5955-2418 MAY79 5955-2419 8L 01 08 03 APR79 5955-2418 SEP76 5955-2418 BACK-DATES TO ALL SERIALS
11A-003	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1311A-003 FICHE 5955-2419 JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1311A-003 FICHE 5955-2419 0CT76 5955-2418 MAY79 5955-2419 8L 01 08 03 APR79 5955-2418 SEP76 5955-2418 BACK-DATES TO ALL SERIALS
11A-005	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 AUG73 5951-1196 * 01 08 03 USE 1311A-005 FICHE 5955-2419 JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1311A-005 FICHE 5955-2419 0CT76 5955-2418 MAY79 5955-2419 8L 01 08 03 APR79 5955-2418 SEP76 5955-2418 BACK-DATES TO ALL SERIALS
114-006	OPER & SERV MAN OPER & BERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723
311A-008	OPER & SERV MAN	JUL74 5951-8723 JUN75 5951-8724 * 01 08 04 USE 1311A-008 FICHE 5955-2419

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147046	INSTALL NOTE
14704C	INSTALL NOTE
14717A	INSTALL NOTE
14718A	INSTALL NOTE
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14751A	SERV NOTE SE
	147514-1
14752A	PROG REFER M
150A	OPER & SERV
	SERV NOTE SE
	150A-1 150A-2
	150A-3
	150A-A 150A-5
	150A-6
Assa Park B.	150A-7
	150A-8 150A-99
	150A-14B
	15'\4-16
150AR	OPER & SERV
151A	OPER & SERV
	MAN CHANGE
1518	OPER & SERV
	MAN CHANGE
15105A	SERV NOTE SE
	15105A-G-1
15119C	OPER & SERV
	UPER & SERV
15141A	SERV NOTE SE
	151414-14
15179A	INSTALL INST
152A	SERV NOTE SE
	152A-1
15254A	OPER & SERV
15263A	OPER & SERV
153A	OPER & SERV I

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11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTION	FICHE FICHE PART DATE NUMBER N *** DESCRIPTION *	LTYE		PAGE 46
3114-008	OPER & SERV MAN Man Change Man Supp B	OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	MAY79 5955-2419	8L 01 08 03	BACK-DATES TO ALL SERIALS	
3114-009	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	JUN75 5951-8724 * MAY79 5955-2419	01 08 04 8L 01 08 03	USE 1311A-009 FICHE 5955-2419 BACK-DATES TO ALL SERIALS	
311A-057	OPER & SERV MAN MOD	JUL79 5955-5080	OCT79 5955-5081	8L 01 08 01		
1311A-604	OPER & SERV MAN	JUN71 5951-1195 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	AUG73 5951-1196 * JUN75 3951-8724 * MAY79 5955-2419		USE 1311A-604 FICHE 5955-2419 USE 1311A-604 FICHE 5955-2419 BACK-DATES TO ALL SERIALS	
1311A - 607	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	AUG73 5951-1196 * JUN75 5951-8724 * MAY79 5955-2419		USE 1311A-607 FICHE 5955-2419 USE 1311A-607 FICHE 5955-2419	
1311A-639	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN SUPP B	JUN71 5951-1195 JUL74 5951-8723 OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	AUG73 5951-1196 * JUN75 5951-8724 * MAY79 5955-2419	01 08 03 01 08 04 8L 01 08 03	USE 1311A-639 FICHE 5955-2419 USE 1311A-639 FICHE 5955-2419	
13114-905	OPER & SERV MAN MAN CHANGE MAN SUPP B	OCT76 5955-2418 APR79 5955-2418 SEP76 5955-2418	MAY79 5955-2419	8L 01 08 03	들이 본 이 집에서 하나는 사람들을 살았다. 그리고 있다.	
13118	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW	FEB80 01311-90907 SEP80 01311-90912 NOV83 01311-90920	APR80 09511-90807* MAR83 01311-90812* FES84 01311-90820 JAN83	8L 01 08 03	USE 1311B FICHE 01311-90812 USE 1311B FICHE 01311-90820	
	13118-1A-S 13118-1 13118-2 13118-3 13118-4 13118-5 13118-6	JUL80 WA SER 1943A.IM JUL81 WA ALL SER.NOTI JUL81 WO MOD TO PREVE JUL81 WO ALL SER.MOD	EN.X-RAY EMISSION H PROVED REL OF 250V F TO CHECK ALL 1311 NT ARCING POST ACCE TO IMPR REL OF THE ICATION OF HV GREAS	LO VLTG POWE B DISPLAYS F L LEAD IN HI A6 FOCUS BD. E TO PREVENT	OR GREASE IN LEAD CONNECTOR. HUMIDITY OP CONDITIONS.	TOR CONN
13118-003	MOD SHEET	NOV81 01310-90907	FEB82 01310-90807	8L 01 08 01	하는 이 사용으로 통해 기가 되는 것을 받았다. 방문상에 발견된 발견 회원 발생으로 보기 있는 것을	
317 A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1310A-13/1311A-13/ 1317A-1/1321A-1 1310A-14/1311A-14/ 1317A-2/1321A-2	JAN77 01317-90905 OCT81 01317-90905 JAN75 WN ALL SER.REC JUL75 ALL SER.PREF	NOV81 01317-90805 APR82 REPL &/OR SPARE PRI REDL FOR CIRCUIT B	NTED CIRCUIT	BOARD ASSEMBLIES	

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	13118-4 13118-5 13118-6	JUL81 WO ALL SER.MOD TO IMPR REL OF THE A6 FOCUS BD. NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN SEP82 WA ALL SER.ELPL BLUE STRIPE DD EXCHANGE PROG
13118-003	MOD SHEET	NOV81 01310-90907 FEB82 01310-90807 8L 01 08 01
1 317 A	1317A-1/1321A-1 1310A-14/1311A-14/ 1317A-2/1321A-2	JAN77 01317-90905 NOV81 01317-90805 8L 01 08 02 0CT81 01317-90905 APR82 JAN75 WN ALL SER.REC REPL &/OR SPARE PRINTED CIRCUIT BOARD ASSEMBLIES JUL75 ALL SER.PREF REDL FOR CIRCUIT BOARDS & ASSEMBLIES JUL75 WO ALL SER.NOISE BAR IN DISPLAY
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MODEL NUMBER	O LITERATURE C TYPE	DATE NU	PART FICHE MBER DATE SCRIPTION ***	NUMBER	LT	V G	N *** DESCRIPTION *** DESCRIPTION **	E 47 ₩
1317A	1317A-3/1321A-3 1317A-4 1317A-5 1317A-6-8 1317A-7 1317A-8	AUG75 WO SER OCT77 WN ALL AUG78 WO SAFE MAR81 WA SER	1510A & DOWN.R SER.IMPR REL X TY.SER 1649A00 1916A.MOD TO I	EPL PN FOR A1 -Y&Z AXIS AMP 600 & BELOW.E MPROVE REL OF	IU1 &/OR PLIFIER ELIM POT F 250V LO	A3U1 HZRD.	TAGE POWER SUPPLY ARCING/BRKDOWN OF POST ACCELERATOR O	
1317A-005	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-006	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-008	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-050	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-051	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
317A-052	OPER & SERV MAN Man Change	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-053	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
I317A-054	OPER & SERV MAN Man Change	JAN77 01317-90 0CT81 01317-90)905 NOV81)905	01317-90805	8L 01 0	8 02		
1317A-055	OPER & SERV MAN Man Change	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-057	OPER & SERV MAN MOD	JUL79 5955-50	30 OCT79	5955-5081	8L 01 0	8 01		
3174-604	OPER & SERV MAN MAN CHANGE	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-607	OPER & SERV MAN Man Change	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
1317A-639	OPER & SERV MAN Man Change	JAN77 01317-90 0CT81 01317-90	-, t,, t, , , , , , , , , , , , , ,	01317-90805	8L 01 0	8 02		
1317A-905	OPER & SERV MAN Man Change	JAN77 01317-90 0CT81 01317-90		01317-90805	8L 01 0	8 02		
3178	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	FEB82 01317-90 AUG83 01317-90 NOV83 01317-90	0912 MAR84 0912	01317-90812	8L 01 0 8L 01 0	8 03 l 8 03	USE 1317B FICHE 01317-90812	
	SERV NOTE SET BELOW 1317B-1 1317B-2		JANU3 SER APPLICATION SER.ELPL BLUE	N OF HV GREAS	E TO PRE	VENT /	ARCING/BRKDOWN OF POST ACCELERATOR C	CONN

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1 317 8	OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER & SERV MAN	JAN77 01317-90905 NOV81 01317-90805 8L 01 08 02 0CT81 01317-90905 MAR83 01317-90810* 8L 01 08 03 USE 1317B FICHE 01317-90812 AUG83 01317-90912 MAR84 01317-90812 8L 01 08 03	
	MAN CHANGE SERV NOTE SET BELOW 1317B-1 1317B-2	NOV83 01317-90912	TOR CONN

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132A
               OPER & SERV MAN
                                   MAY68 00132-90903
                                                         APR71 00132-90803
                                                                                01 08 03
               MAN CHANGE
                                   JAN70 00132-90903
               SERV NOTE SET BELOW
                                                         MAY78
               132A-1
                                            SER BELOW 610-00525.PROT FOR LV SERIES REGULATOR
                                   OCT66
               132A-2
                                   MAY68 WO REPL FOR 9621, 9641, 9661, + 9681
               132A-3
                                   JUL69 WO REPL FOR R578
                                   SEP70 WO SER BELOW 938-01335.REPL OF TRANSISTORS Q1, Q5, Q201 + Q205
               132A-4
1321A
               OPER & SERV MAN
                                   FEB77 01321-90903
                                                         MAY79 01321-90803 8L 01 08 02
               MAN CHANGE
                                   APR79 01321-90903
               SERV NOTE SET BELOW
                                                         APR82
               1310A-13/1311A-13/ JAN75 WN ALL SER.REC REFL &/OR SPARE PRINTED CIRCUIT BOARD ASSEMBLIES
               13174-1/13214-1
               1310A-14/1311A-14/
                                            ALL SER. PREF REPL FOR CIRCUIT BOARDS & ASSEMBLIES
                                   JUL75
               13174-2/13214-2
               1310A-15/1311A-15/
                                   JUL75 WO ALL SER. NOISE BAR IN DISPLAY
               1317A-3/1321A-3
               1321A-4
                                   AUG75 NO SER 1525A & DOWN. REPL PN FOR A1U1 &/OR A3U1
               1321A-5
                                   OCT77 WN ALL SER. IMPR REL X-YEZ AXIS AMPLIFIER
               1321A-6-S
                                   AUG78 NO SAFETY.SER 1646A00425 & BELOW.ELIM POT HZRD.
               1321A-7
                                   MAR81 WA SER 1915A. MOD TO IMPROVE REL OF 250V LOW VOLTAGE POWER SUPPLY
                                   NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
               1321A-8
1321A-057
               OPER & SERV MAN MOD JUL79 5955-5080
                                                         OCT79 5955-5081
                                                                             8L 01 08 U1
1321B
               OPER & SERV MAN
                                   DEC81 01321-90905
                                                         MAR84 01321-90805 8L 01 08 03 SEE TITLE PAGE FOR OPTIONS COVERED
               MAN CHANGE
                                   DEC83 01321-90905
               SERV NOTE SET BELOW
                                                         JAN83
               13218-1
                                   NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
               13218-2
                                   SEP82 WA ALL SER. ELPL BLUE STRIPE BD EXCHANGE PROG
1330
               SERV NOTE SET BELOW
                                                          MAY78
               H06-1330A1
                                   JUL75 WO SER 1340A01260 & DOWN.PREF COMPONENTS FOR IMPROVED RELIABILITY
               1330A-1
                                   MAY72 WO SER 1150A & DOWN. 2-AXIS AMPLER & CRT PROTECTION
               1330A-2
                                   DEC72 WN ALL SER. PREF REPL FOR HV OSCILLATOR
               H11-1208A-7/
                                   MAY74 WO SER 1340A & BELOW. PREF REPL FOR HV RECTIFIER DIODES
               1330A-3/1331A/C-7
               13004-4
                                   MAY74 WO SER 1340A & DOWN. PREF RESIST REPL
               H11-1208A-8/
                                   JUN74 WN ALL SER. IMPR PWR TRANSTR CONNECTION METHOD
               1330A-5/1331A/C-9
1330A
               OPER & SERV MAN
                                   OCT70 01330-90901
                                                         OCT84 01330-90801 8L 01 08 02 FOR SERIAL PEXES 120% - DELOW
               MAN CHANGE
                                   APR73 01330-90901
               OPER & SERV MAN
                                   JUN73 01330-90902
                                                         08184 01330-90802 8L 01 08 02 FOR SERIAL PEXES 13354 5 4 OVE
               MAN CHANGE
                                   FEB75 U7330-90902
1331A
               OPER & SERV MAN
                                                         CCT84 01331-90803 8L 01 08 02 FOR SERIAL PEXES 1319A & BELOW
                                   MAY73 01331-90903
               MAN CHANGE
                                   DEC73 01331-90903
               BACK LATING SUPP
                                   SEP73 01331-90903
               OPER & SERV MAIL
                                   JUN74 01331-90906
                                                         JUN75 01331-90806 8L 01 08 03 FOR SERIAL PEXES 1424A & ABOVE
               MAN CHANGE
                                   APR75 01331-90906
1331A-H12
               OPER & SERV MAN
                                   MAY73 01331-90903
                                                         MAY74 01331-90803 8L 01 08 03 FOR SERIAL PEXES 1319A & BELOW
               MAN CHANGE
                                   DEC73 01331-90903
                                   SEP73 01331-90903
               BACK DATING SUPP
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11/08/85 PAGE 49 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

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11/08/85 MODEL NUMBER 15575E

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               MAN CHANGE
                                   FEB75 01330-90902
13314
                                   MAY73 01331-90903
               OPER & SERV MAN
                                                         CCT84 01331-90803 8L 01 08 02 FOR SERIAL PFXES 1319A & BELOW
               MAN CHANGE
                                   DEC73 01331-90903
               BACK DATING SUPP
                                   SEP73 01331-90903
              OPER & SERV MAN
                                   JUN74 01331-90906
                                                         JUN75 01331-90806 8L 01 08 03 FOR SERIAL PEXES 1424A & ABOVE
               MAN CHANGE
                                   APR75 01331-90906
1331A-H12
              OPER & SERV MAN
                                   MAY73 01331-90903
                                                         MAY74 01331-90803 8L 01 08 03 FOR SERIAL PEXES 1319A & BELOW
               MAN CHANGE
                                   DEC73 01331-90903
               BACK DATING SUPP
                                   SEP73 01331-90903
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11/08/85 MODEL NUMBER 15581A-001 15581A-002 15581A-003 15581A-004 15581A-005 15581B 15581B-C01 15581B-002 155818-003 155818-004 15581B-005 15582A 15585A 15587A 15587A-001 15587A-002 15587A-003 15587A-004 15587A-005

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                    LITERATURE
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                                             H/C PART
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                       TYPE
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                                                                   NUMBER
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                                         *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1331A/C/E
               SERV NOTE SET BELOW
                                                         MAY78
               1331A/C/E-1
                                   FEB71 WO SER 958. 10D TO PREVENT FAILURE OF FILTER CAPACITOR A5C2
               1331C-1
                                   MAY72 WN ALL SER. SERVICE TOOL
               1331A/C-2
                                   MAY72 WO SER 1149A & DOWN.2-AXIS AMPLE & CRT PROTECTION
               1331c-3
                                   OCT74 WO SER 1426A & DOWN.MOD TO PREVENT INTERMITTENT ERASING. SUPER 1331C-2.
               H11-1208A-6/
                                   JAN74 WN ALL SER.TIPS FOR RECOG & IDENT STORAGE CRT SYMPTOMS
               1331A/C-4
               1331A/C-5
                                   MAR74 WO ALL SER. MOD TO IMPR REL OF COLLIMATOR CONNECTION
                                   MAR74 WO ALL SER. BRIGHT FLASH AFT EXASING &/OR HV OSCIL DOUBLE-MODING. SUPER 1331A/C-3
               1331A/C-6
                                  MAY74 WO 1331A SER 1319A & DOWN.1331C SER 1318A & DOWN.PREF REPL FOR HV RECT DIODES
               H11-1208A-7/
               1330A-3/1331A/C-7
               1331A/C-8
                                   MAY74 WO 1331A SER 1319A & DOWN.1331C SER 1318A & DOWN.PREF RESIST REPL.
               H11-1208A-8/
                                   JUN74 WN ALL SER. IMPR PHR TRANSTR CONNECTION METHOD
                1330A-5/1331A/C-9
              1331A/C-10
                                   AUG74 WN 1331 SER 1424A & DOWN.1331C SER 1426A & DOWN. NEW INSTRUMENT CONFIGURATION
               1331A/C-11
                                   OCT74 WA 1331A SER 1319A & DOWN.1331C SER 1318A & DOWN.ADDITION OF HEAT SINK ON A5Q41
               1331A/C-12A
                                   MAY75 WO 1331A SER 1424A TO 1513A.1331C SER 1503A & DOWN.INTERMITTENT ERASING.
                                   DEC74 WN 1331A SER 1424A & DOWN.1331C SER 1426A & DOWN.MOD TO ADD PATTERN CORREC ADJUSTMENT
               1331A/C-13
               1331A/C-14
                                   DEC74 WO ALL SER-INTERMITTENT BLOWING OF +50 VEUSE
                                  MAR75 WO SER 1424A TO 1503A. GREEN BACKGROUND REMAINING ON SCREEN AFT ERASE IN MAX PERSISTANCE
               1331A/C-15
                                   JUL75 WO 1331A SER 1319A & DOWN.1331C SER 1318A & BELOW.PREF COMPON FOR IMPR RELIABILITY
               1331A/C-16
                                   JUL75 WO 1331A SER 1424A TO 1513A.1331C SER 1426A TO 1520A.PREF COMPON FOR IMPROV RELIABILITY
               1331A/C-17
               1331A/C-18
                                   AUG75 WA 1331A SER 1426A TO 1520A.1331C SER 1024A TO 1513A.ELIM OF POTENTIAL SHOCK HAZZARD
                                   JUN76 WO ALL SER. CHANGE FUSE F1 FROM 1 AMP TO .50 AMP FOR IMPR PROTECT OF +12.6V SUPPLY
               1331A/C-19
                                   JUL76 WN 1331A 1135A & DOWN.1331C SER 1149A & DOWN.MOD KIT FOR CRT
               1331A/C-20
1331C
               OPER & SERV MAN
                                   MAY73 01331-90904
                                                         MAY74 01331-90804
                                                                               01 08 03 FOR SERIAL PEXES 1318A & BELOW
               MAN CHANGE
                                   JUN73 01331-90904
               BACK DATING SUPP
                                   SEP73 01331-90904
              OPER & SERV MAN
                                   JUN74 01331-90907
                                                         JUN75 01331-90807
                                                                               01 08 03 FOR SERIAL PEXES 1426A & ABOVE
               MAN CHANGE
                                   DEC74 01331-90907
1331C-016
               OPER NOTE
                                   JUN74 01331-90908
                                                         SEP74 01331-90808
                                                                               01 08 01
1332A
               OPER & SERV MAN
                                                         NOV77 01332-90804* 8L 01 08 02 USE 1332A FICHE 01332-90806
                                   JUL76 01332-90904
               OPER NOTE
                                   NOV77 01332-90905
                                                         JAN78 01332-90805 8L 01 08 01
               OPER & SERV MAN
                                   NOV77 01332-90906
                                                         FEB80 01332-90806* 8L 01 08 02 USE 1332A FICHE 01332-90814
               OPER & SERV MAN
                                   MAR81 01332-90914
                                                         MAY83 01332-90814 8L 01 08 03
               MAN CHANGE
                                   DEC82 01332-90914
               OPER & SERV MAN
                                   OCT80 01332-90916
                                                         NOV80 01332-90816 8L 01 08 01
               INSTALL INSTR
                                   OCT80 5955-8057
                                                         NOV80 5955-8058 * 8L 01 08 01 USE 10380A/1A/2A FICHE 5957-3283
               SERV NOTE SET BELOW
                                                         JUL83
               1332A-1B
                                   AUG76 WA SER 1414A & DOWN.POS LACK OF SUFFICIENT RANGE OF INTENSITY LIMIT ADJ IF CRT REPL
               1332A-2
                                   JUN75 WO OPT 216.ALL SER. PREFERRED REPLACEMNTS
               1332A-3A
                                   APR83 WN SER 1945A & BELOW. MOD TO IMPROV DYNAMIC RNGE
               13324-4
                                            SUPERSEDED BY 1332A-SA
               1332A-5
                                   APR77 WO ALL SER. IMPR REL FOR Z-AXIS AMPLER
               1332A-6
                                   SEP77 WN ALL SER. IMPR REL X-Y&Z AXIS AMPLIFIER
               1332A-7
                                   DEC77 WN ALL SER.ELIM POT CRT DAMAGE
               1332A-8
                                   APR78 WO ALL SER.CRT REPL KITS
                                   NOV82 WO ALL SER. PREF REPL FOR AZR90 ASTIGMATISM POT
               1332A-9B
                                   JUL79 WO SER 1616A68DO & BELOW. REC PARTS REPL FOR CAPS A2C16, C17, C33, & C34.
               1332A-10
               1332A-11
                                   JUL79 WO SER 1616A6300 & BELOW MOD TO IMPROVE +158V POWER SUPPLY STABILITY.
               1332A-12
                                   JUL80 WO SER 1949A11824 TO 1949A13709. IMPR REL FOR +100V PWR SUPPLY
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1332A-3A
                    APR83 WN SER 1945A & BELOW MOD TO IMPROV DYNAMIC RNGE
1332A-4
                             SUPERSEDED BY 1332A-3A
                    JUN76
1332A-5
                    APR77 WO ALL SER. IMPR REL FOR Z-AXIS AMPLER
1332A-6
                    SEP77 WN ALL SER-IMPR REL X-YEZ AXIS AMPLIFIER
1332A-7
                    DEC77 WN ALL SER.ELIM POT CRT DAMAGE
1332A-8
                    APR78 WO ALL SER.CRT REPL KITS
1332A-9B
                    NOV82 UO ALL SER. PREF REPL FOR A2R90 ASTIGMATISM POT
                    JUL79 WO SER 1616A6800 & BELOW. REC PARTS REPL FOR CAPS A2C16, C17, C33, & C34.
13324-10
1332A-11
                    JUL79 WO SER 1616A6300 & BELOW. MOD TO IMPROVE +158V POWER SUPPLY STABILITY.
1332A-12
                    JUL80 WO SER 1949A11824 TO 1949A13709. IMPR REL FOR +100V PWR SUPPLY
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11/08/85 MODEL NUMBER 15588A-004 155884-005 15589A 15590A 15591A 15592A 15593A 15600A 15601A 15602A 15603A 15609A 1580A 160A 160B 160B-H02 1600

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               1332A-13
1332A
                                    NOV81 WN ALL SER APPLICATION OF NV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
               1332A-14
                                    NOV81 WN ALL SER REPL PN FOR MUTHER BOARDS
               1332A-15
                                    JUN82 AN ALL SER. MCD TO IMPROV REL OF PWR SUPPLIES
               1332A-16
                                    JUN82 WN ALL SER. CLARIFICA OF DSPLY BANDWDTH
1332A-C35
               MOD SHEET
                                    JUN81 01332-90920
                                                          AUG81 01332-90820* 8L 01 08 01 USE 1332A-C35 FICHE 01332-90822
               MOD SHEET
                                    AUG81 01332-90922
                                                          OCT81 01332-90822 8L 01 08 01
1332A-C39
               MOD SHEET
                                   NOV79 01332-90908
                                                          FEB80 01332-90808 8L 01 08 01
               OPER & SERV MAN
                                    OCT80 01332-90916
                                                          NOV80 01332-90816 8L 01 08 01
               SERV NOTE SET BELOW
                                                          APR82
               1332A/C39
                                   DEC81 WN ALL SER SERVICE ALERT TO PREVENT POSS LINE POT AFTER SERVICING
1332A-C50
               OPER & SERV MAN
                                                          NOV80 01332-90816 8L 01 08 01
                                   OCT80 01332-90916
               SERV NOTE SET BELOW
                                                          APR82
               1332A/C50-1-S
                                   DEC81 WN ALL SER SERVICE ALERT TO PREVENT POSS LINE POT AFTER SERVICING
1332A-C52
               MOD SHEET
                                    APR81 01332-90918
                                                          MAY81 01332-90818 8L 01 08 01
1332A-H01
               MCD SHEET
                                    AUG81 01332-90923
                                                          OCT81 01332-90823 8L 01 08 01
1332A-X95
               MOD SHEET
                                    NOV79 01332-90911
                                                          DEC79 01332-90811 8L 01 08 01
1332A-551
               MOD SHEET
                                    DEC79 01332-90910
                                                          FEB80 01332-90810* 8L 01 08 01 USE 1332A FICHE 01332-90814
1333A
               OPER & SERV MAN
                                    JUL76 01333-90903
                                                          OCT81 01333-90803 8L 01 08 02
               MAN CHANGE
                                    SEP81 01333-90903
               OPER NOTE
                                    DEC77 01333-90904
                                                          JAN78 01333-90804 8L 01 08 01
               SERV NOTE SET BELOW
                                                          APR83
               1333A-1
                                    APR77 WO ALL SER. IMPR REL FOR Z-AXIS AMPLFR
                                    SEP77 WN ALL SER. IMPR REL X-Y&Z AXIS AMPLIFIER
               1333A-2
               1333A-3A
                                   NOV82 WO ALL SER. PREF REPL FOR AZR90 ASTIGMATISM POT
                                   JUL79 NO SER 1913A2400 & BELOW-REC PARTS REPL FOR CAPS A2C16,C17,C33, & C34.
               1333A-4
               1333A-5
                                    JUL79 WO SER 1533A2300 & BELOW. MOD TO IMPROVE +158V POWER SUPPLY STABILITY.
               1333A-6
                                    AUG79 WO ALL SER. PREF PARTS REPL TO IMPROVE REL OF Z-AXIS AMPLIFIER
               1333A-7
                                    JUL80 WO SER 1950A03516 TO 1950A03744.IMPR REL FOR +158V PWR SUPPLY
                                   NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN
               1333A-8
               1333A-9
                                   NOV81 WN ALL SER REPL PN FOR MOTHER BOARDS
1333A-H18
               MOD SHEET
                                                          MAY81 01333-90809 8L 01 08 01
                                   MAR81 01333-90909
1333A-X95
               MOD SHEET
                                   NOV79 01333-90905
                                                          DEC79 01333-90805 8L 01 08 01
1335A
                                    JUN76 01335-90905
               OPER & SERV MAN
                                                          OCT85 01335-90805 8L 01 08 02
               MAN CHANGE
                                    JUN85 01335-90905
               OPER NOTE
                                    JUN77 01335-90907
                                                          DEC77 01335-90807 8L 01 08 01
               INSTALL INSTR
                                   OCT80 5955-8057
                                                          NGV80 5955-8058 * 8L 01 08 01 USE 10380A/1A/2A FICHE 5957-3283
               SERV NOTE SET BELOW
                                                          JAN85
               1335A-1
                                    SEP75 WO SER 1514A & DOWN, ALL OPTIONS INCLUDED. MOD TO IMPR RELIABILITY
               1335A-2
                                    APR77 WO ALL SER-IMPR STORAGE CIRCUITRY REL
                                   APR77 WO ALL SER. IMPR REL FOR Z-AXIS AMPLER
               1335A-3
               1335A-4
                                   SEP77 WN ALL SER. IMPR REL X-Y&Z AXIS AMPLIFIER
                                   DEC82 WN ALL SER.REC CRT CHANG TO IMPROVE PERF
NOV82 WO ALL SER.PREF REPL FOR A2R90 ASTIGMATISM POT
               1335A-5A
               1335A-6A
               1335A-7A
                                   NOV82 WN ALL SER.CRT UNIFORMITY/WRITING SPEED OPTIMIZATION ADJ
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The state of the s					
	그 살이 살았다. 그리고 중요하다 하게 되었는데 함께 하지만 있습니다.	불통하다 그리고 하는 동안 되면 얼마를 되었다.	그리는 그는 그 살이 들어서 하는데 그렇게 하루하네요.		그리는 그는 일본 역 교육에 가격하였다.
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1335A-1	R INTO UNIC	SER 1514A6300 & BELOW.REC	DARTE BEDI FOR CARE AS	044 047 077 B 074	된 어입하라 하라 하리 얼마 보다
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1335A-9	9 JUL79 WO S	SER 1514A6000 & BELOW.MOD	TO IMPROVE 1458V BOURD	CHIDDLY CTABLE TTV): - 전경일 보다는 그리를 하다면 하는 그리고 (i)
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11/08/85 MODEL NUMBER 1600A

	SERV NOTE SET BELOV 1335A-1 1335A-2 1335A-3 1335A-4 1335A-6A 1335A-6A 1335A-7A	JAN85 SEP75 WO SER 1514A & DOWN,ALL OPTIONS INCLUDED.MOD TO IMPR RELIABILITY APR77 WO ALL SER.IMPR STORAGE CIRCUITRY REL APR77 WO ALL SER.IMPR REL FOR Z-AXIS AMPLER SEP77 WN ALL SER.IMPR REL X-Y&Z AXIS AMPLIFIER DEC82 WN ALL SER.REC CRT CHANG TO IMPROVE PERF NOV82 WO ALL SER.PREF REPL FOR A2R90 ASTIGMATISM POT NOV82 WN ALL SER.CRT UNIFORMITY/WRITING SPEED OPTIMIZATION ADJ	1608-H0
11/08/85 MODEL NUMBER	O LITERATURE TYPE	PAGE 51 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08/85 MODEL NUMBER
1335A	1335A-8 1335A-9 1335A-10 1335A-11A 1335A-12 1335A-13A 1335A-14 1335A-15 1335A-16A 1335A-16A	JUL79 WO SER 1514A6300 & BELOW.REC PARTS REPL FOR CAPS A2C16,C17,C33, & C34. JUL79 WO SER 1514A6000 & BELOW.MOD TO IMPROVE +158V POWER SUPPLY STABILITY. AUG79 WO ALL SER.PREF PARTS REPL TO IMPROVE REL OF Z-AXIS AMPLIFIER DEC82 WO ALL SER.STORAGE CRT APPEAR SPEC JUL80 WO SER 1949A08866 TO 1949A09490.IMPR REL FOR +158V PWR SUPPLY JAN83 WN ALL SER.REPL P/N FOR 1335A MOTHER BD NOV81 WN ALL SER.REPL P/N FOR 1335A MOTHER BD NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN JUN82 WN SER 1949A & ABOVE.CLARIFICA OF INTEN LIMIT ADJUST NOV81 WO SER 1949A & ABOVE.LINE SWICH MOUNTG SCREWS CHANGED TO METRIC AUG84 WN SER 2220A & BELOW.MOD TO IMPR PERSISTANCE REL	1600A
1335A-C20	MOD SHEET	AUG85 01335-90921 0CT85 01335-90821 8L 01 08 01 SERIAL PFX 2517A	
1335A-H01	MOD SHEET	DEC81 01335-90916 FEB82 01335-90816 8L 01 08 01	1600A-58
1335A-H22	MOD SHEET	AUG85 01335-90923 OCT85 01335-90823 8L 01 08 01 SERIAL PRX 2220A AND 2517A	
1335A-X95	MOD SHEET	HOV79 01335-90908 DEC79 01335-90808 BL 01 08 01	
1336A	SERV NOTE SET BELOW 1336A-1A 1336A-2 1336A-3	OCT82 FEB82 WN ALL SER.INSTRUCT FOR REMOVING & RETURNING 1336A CRT TO HP FOR WARR CREDIT DEC81 WA ALL SER ARC PROTECTION KIT WHERE NEW CRT IS INSTALLED APR82 WO SER 1809 & BELOW.INTEN LIMIT CIR MOD	16005A 16008A
1336A-005	MOD SHEET	FEB80 01336-90903 APR80 01336-90803 8L 01 08 01	
1336P	SERV NOTE SET BELOW 1336P-1	OCT79 JUL79 WA SER 1809A00650 & BELOW.MOD TO IMPROVE +250V POWER SUPPLY RELIABILITY.	1601Å
1336P-C06	MOD SHEET	APR81 01336-90906 JUN81 01336-90806 8L 01 08 01	
1336P-C16	MOD SHEET	SEP81 01336-90907 OCT81 01336-90807 8L 01 08 01	1601A/L
13368	OPER & SERV MAN MAN CHANGE	SEP81 01336-90905 AUG83 01336-90805 BL 01 08 03 FOR OPTIONS SEE TITLE PAGE DEC82 01336-90905	
1340A	OPER & SERV MAN OPER NOTE OPER & SERV MAN MAN CHANGE	DEC77 01340-90901	1602A 16021A
	SERV NOTE SET BELOW 1340A-1 1340A-2B 1340A-3 1340A-4 1340A-5 1340A-6 1340A-7	JUL84 NOV81 WN ALL SER APPLICATION OF HV GREASE TO PREVENT ARCING/BRKDOWN OF POST ACCELERATOR CONN MAR84 WN ALL SER TO IMPR CRT X-Y DISPLAYS DEC81 WN ALL SER MOD TO IMPR -15V & -7.5V SUPPLY PERFORMANCE MAY82 WN ALL SER.PROPER INPUT ATTEN SETTING & COMPENSA ADJ SEP82 WO ALL SER.MOD TO IMPR LVPS PERF MAR83 WN SER 2038A & BELOW.MOD TO IMPR X-Y MPF PERF APR84 WN SER 2038A & BELOW.NEW H.V.P.S. BD SUPPORT	16022A 16023A
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1340A-C05

1340A-C18

1340A-H05

MOD SHEET

MOD SHEET

MOD SHEET

MAY81 01340-90906

JAN00 01340-90913

JUL81 01340-90911

MOD SHEET OP/SVC MN JANBO 01340-90904

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11/08/85 PAGE 52 H/C PART FICHE FICHE PART M P D P
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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** MODEL 0 LITERATURE H/C NUMBER C TYPE DATE 1340A-H05 MOD SHEET SEP81 01340-90912 NOV81 01340-90812 8L 01 08 01 OPER & SERV MAN 1345A JUL81 01345-90901 SEP82 01345-90801* 8L 01 08 03 USE 1345A FICHE 01345-90808

SEP83 01340-90813 8L 01 08 01

AUG81 01340-90811 8L 01 08 01

JUL81 01340-90806* 8L 01 08 01 USE 1340A-CO5 FICHE 01340-90813

MAR80 01340-90804* 8L 01 08 01 USE 1340A-H05 FICHE 01340-90812

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		1 01340-90906 JUI 0 01340-90913 SEI	.81 01340-90806* 8L 01 983 01340-90813 8L 01	08 01 t 08 01	USE 1340A-CO5 FIC	CHE 01340-90813
1340A-C18 MOD	SHEET JUL8	1 01340-90911 AU	681 01340-90811 8L 01	08 01		
1340A-H05 MOD	SHEET OP/SVC MN JANG	0 01340-90904 MAI	R80 01340-90804* 8L 01	08 01 (USE 1340A-H05 FIG	CHE 01340-90812

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11/08/85 MODEL NUMBER 16033A 16034B 16035A 16036A 16038A 16039A 16047A 16047B 16047C 16047D 16048A

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16048C

11/08/85 MODEL NUMBER

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340A-H05	MOD SHEET	SEP81	01340-90912		01340-		Jan 1					
1345A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JAN83 MAR85	01345-90901 01345-90908 01345-90916 01345-90916	JUN84	01345-	*80809	8L	01	08	03 (USE 1345A FICHE 01345-90808 USE 01345A FICHE 01345-90816	
	1345A/704-1B 1345A-1B 1345A-2 1345A-3A 1345A-4 1345A-5	DEC83 DEC83 MAY85 MAR84	WO SER 2501/ N WA SER 2112AU04 WN SER 2227A & WN SER 2515A & WN ALL SER.NEW WO SER 2411A &	BELOW.	MOD TO I ELOW.LOG Instal I Model Ci R Digit	OSE PO Note f Hang & Al Dis	ST A OR T Com Play	CCE EST IPAT	LER PA BE	ATO: TTE: TWE:	R RN UPDATE KIT,P/N 01345-69505 EN VINTAGES	
1345A-003	OPER NOTE OPER NOTE		01345-90911 01345-90912	MAY83 DEC83	01345- 01345-	90811 * 90812	8L 8L	01 01	80 80	01 I 01	USE 1345A-003 FICHE 01345-9081	2
1346A	QUICK REF GUIDE OPER & PROG MAN OPER & PROGRAM MAN QUICK REF GUIDE SERV NOTE SET BELOW 1346A-1	JAN83 JUL83 JUL83	01346-90904 01346-90905 5957-7606 5957-7619 WN ALL SER.NEW	JAN83 OCT83 OCT83 JUL84	01346-1 5957-76 5957-76	90805 637 639	8L 8L	01 01 01	80 80	04 : 03 :	INCUDED IN FICHE 01346-90805 INCLUDES -90901 THRU -90904	
346A-003	OPER NOTE OPER NOTE		01345-90911 01345-90912	MAY83 DEC83	01345-9 01345-9	90811 * 90812	8L 8L	01 01	80 80	01 (01	USE 1346A-003 FICHE 01345-9081	
3474	OPER & SERV MAN MAN CHANGE OPER & PROGRAM MAN QUICK REF GUIDE SERV NOTE SET BELOW 1347A-1 1347A-2 1347A-3	AUG83 JUL83 JUL83 MAR84 MAR84	01347-90901 01347-90901 5957-7606 5957-7619 WN ALL SER.NEW WN SER 2335A & WN ALL SER.INST	OCT83 OCT83 JUL85 CRT FO BELOW.	MOD TO	637 639 AL DIS PREV P	8L 8L PLAY	01 01 S UPP	08 08	03 01 0VEI	RHEAT	
349A	OPER & SERV MAN	and the second of the second o	01349-90901		01349-							
349D	OPER & SERV MAN	AUG84	01349-90901		01349-		4.77	1.59				
35	OPER & SERY MAN MAN CHANGE		00135-90001 00135-90001	OCT84	00135-	90051	8L	01	11	02		
35 DTA	OPER & SERV MAN	JAN66	00135-91344	ост80	00135-	91394	8L	01	11	01		
135/136	SERV NOTE SET BELOW M011-2 105 107 108 109 110 111 112	JUN67 JUN61 OCT61 OCT61 JAN62 FEB62 FEB62	REPL FOR SWE VACUUM PUMP MOD TO IMPR REC FIELD MO NOT AVAILABL SER BELOW 55 ELIM OF NEGA TROUBLESHTG NOT AVAILABL	MAY78 EP-TIM MAINTEI ACCURA D TO CO E 1.REC TIVE SI POWER	ING CAPA NANCE CY ORR SEVI CIRCUIT PIKES CA	ACITOR ERE IN Chang Aused	TERA ES	ĈŢ1	ON	BETI		

	그들도 있는 그들이 있는 그들은 사람들은 모든 모든 사람들이 되는 것들이 되었다. 그렇게 되는 것은 사람들이 살을 받는 것을 하는 것
11/08/85 Model o Literature	/C H/C PART FICHE FICHE PART M P D P
NUMBER C TYPE	ATE NUMBER DATE NUMBER L. T. V. G.
	*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
135/136	- NOT AVAILABLE
	- NOT AVAILABLE T62 VACUUM PUMP MOTOR HEATING
	T62 CORR SWEEP LINEARITY PROB B63 PROC FOR MEAS / MEGOHM INPT IMPEDANCE

UCIDI REC FIELD MOD TO CORR SEVERE INTERACTION BETWEEN AXES 109 NOT AVAILABLE 110 JAN62 SER BELOW 551. REC CIRCUIT CHANGES 111 FEB62 ELIM OF NEGATIVE SPIKES CAUSED BY INDUCTIVE LOAD 112 FEB62 TROUBLESHIG POWER TRANSFORMER 113 NOT AVAILABLE

11/08/85 PAGE 53 MODEL 0 LITERATURE H/C FICHE PART M P H/C PART FICHE C NUMBER TYPE DATE NUMBER DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** **

> 135/136 NOT AVAILABLE 115 NOT AVAILABLE 116 **0CT62** VACUUM PUMP MOTOR HEATING 117 **0CT62** CORR SWEEP LINEARITY PROB 118 FEB63 PROC FOR MEAS / MEGOHM INPT IMPEDANCE

119 POWER TRANSISTOR CHANGE MAY63 120 NOT AVAILABLE 121 NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE

124 NOT AVAILABLE 125 JAN64 REC PARTS CHANGE TO IMPR PERF 135/135A-2/136/136A FEB74 WN EARLY SER. CHANGE OF VACUUM HOLDOWNS TO AUTOGRIP

0CT79

AUG81 52105-90901

SEP81 52106-90902

JUL81 01351-90904

JUL81 01351-90904

JUL81 01351-90904

135A OPER & SERV MAN MAR68 00135-90001 OCT71 00135-90001 MAN CHANGE

135C/135CM OPER & SERV MAN FEB68 00135-90003

1350A OPER & SERV MAN JUL79 01350-90904 OPER & SERV MAN JUL79 01350-90907 MAN CHANGE APR80 01350-90907 OPER & PROG MAN JAN80 01350-90908 SERV NOTE SET BELOW

> 1350A-2 1350A-3 1350A-4 1350A-5 CONT'D

1350A-1

136A-2

1350A-6 1350A-7 MOD SHEET

OPER & PROG MAN

OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE

SERV NOTE SET BELOW 1351A-1 1351A-2 1351A-001 MOD SHEET

1350s

13505A

1351A

1351A-905

1351A-002 OPER & SERV MAN 1351A-900 OPER & SERVMAN

1351A-901 OPER & SERV MAN

OPER & SERV MAN

122 123

7000A-1/136A-1 AUG65 SER BELOW 304. IMPR IN HI SPEED WRIT JUL73 WN SER BELOW 705.Y2 CHOPPER REPL

OCT84 00135-90051 8L 01 11 02

JUN70 00135-90053 01 11 03

APR80 01350-90804* 8L 01 08 03 USE 1350A FICHE 01350-90807 JUN83 01350-90807 8L 01 08 04

APR80 01350-90808 8L 01 08 02 JUL83

JAN79 WO ALL SER.RES CHANGE TO STANDARDIZE Z AXIS AMP U65SELECTION. JAN79 WO SER 1750A & BELOW. REC MOD TO IMPR INITIALIZATION RESPONSE TO HP-IB INTERFACE CLEAR FEB79 WN SER 1906A & BELOW-REC PROG AID FOR HP-IB CONTROLLERS JUL79 WO SER 1750A00333 THRU 1906A00610. MOD TO CORRECT INTERMITTENT LOSS OF MEMORY.

OCT81 52105-90801* 8L 01 08 01 USE 52105A FICHE 52105-90802

ALL SER. PROG MOD TO ELIM BRIGHT SPOT APPEARING ON SCREEN WHEN WRITING INTO LOCATION 2047 OR DATA IN 2047 IS NOT DISPLAYED JAN80 WO ALL 1350A'S WITH 52102A RS-232C (OPT 001).MOD TO IMPR PERF APR83 WN ALL SER. PREF REPL FOR A4 DYNAMIC RAM AM

AUG79 01350-90906 OCT79 01350-90806 8L 01 08 01 SEP66 13505-90010 JUN85 13505-90012 8L 01 21 01 DEC74 13505-90010

JUL81 01351-90904 OCT85 01359-90804 8L 01 08 03 MAY85 01351-90904 JAN82 01351-90805 8L 01 08 02

OCT81 01351-90905 JUL83 SEP82 WA ALL SER. ELPL BLUE STRIPE BD EXCHANGE PROG APR83 WN ALL SER. PREF REPL FOR DAC TRANS

NOV81 52106-90802 8L 01 08 02

JUN82 01351-90804 8L 01 08 03

JUN82 01351-90804 8L 01 08 03

11/08/85 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P D NUMBER TYPE NUMBER DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1351A-902 OPER & SERV MAN JUL81 01351-90904 1351A-904 OPER & SERV MAN JUL81 01351-90904

NUMBER LTVG JUN82 01351-90804 8L 01 08 03

JUN82 01351-90804 8L 01 08 03 JUN82 01351-90804 8L 01 08 03 16070A

PAGE 54

11/08/85 MODEL C NUMBER

16071A

AGE 38

AGE 39

11/08/85 MODEL NUMBER R 16048D 16053A 16054A

100480

16056A 16057A

16055A

16058A 16059A 16064A

16065A 16066A

16068A

16067A

16069A

1607A

1607A-580

1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION	AGE 54
351A-902	OPER & SERV MAN	JUL81 01351-90904 JUN82 01351-90804 8L 01 08 03	
1351A-904	OPER & SERV MAN	JUL81 01351-90904 JUN82 01351-90804 8L 01 08 03	
1351A-905	OPER & SERV MAN	JUL81 01351-90904 JUN82 01351-90804 8L 01 08 03	
1351A-906	OPER & SERV MAN	JUL81 01351-90904 JUN82 01351-90804 8L 01 08 03	
1351A-908	OPER & SERV MAN	JUL81 01351-90904 JUN82 01351-90804 8L 01 08 03	
1351A-909	OPER & SERV MAN	JUL81 01351-90904 JUN82 01351-90804 BL 01 08 03	
13518	SERV NOTE SET BELOW 1351A-1 1351S-1A	JUL83 SEP82 WA ALL SER.ELPL BLUE STRIPE BD EXCHANGE PROG SEP82 WA ALL SER.ELPL BLUE STRIPE.BD EXCHANGE PROG	
13515A	OPER & SERV MAN Man Change	DEC77 13515-90009 APR78 13515-90010 8L 01 04 01 FEB78 13515-90009	
136	OPER & SERV MAN MAN CHANGE	MAR69 00136-90000 NOV77 00136-90050 8L 01 11 03 AUG75 00136-90000	
136A	OPER & SERV MAN MAN CHANGE	MAR69 00136-90000 NOV77 00136-90050 8L 01 11 03 AUG75 00136-90000	
1360s	QUICK REF GUIDE	JAN83 52113-90904 HAY83 52113-90804 8L 01 08 01	
140A	OPER & SERV MAN 2 OPER & SERV MAN 3 MAN CHANGE OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE	MAY67 00140-90904 JUN85 00140-90804 8L 01 08 02 MAY68 00140-90906 0CT84 00140-90806 8L 01 08 01 JUL68 00140-90906 SEP68 00140-90908 FEB71 00140-90808 01 08 02 DEC70 00140-99001 0CT73 00140-99801 01 08 02 SEP65 00140-99001	
	SERV NOTE SET BELOW 140A-1 140A-2 140A-3 140A-4 140A-4 140A-7 140A-8A 140A-9 140A-10 140A-11 140A-12 140A-12 140A-13A 140A-15 140A-15 140A/B/S-16S	MAY64 SER BELOW 326.MOD TO IMPR HI FREQ PLUG-IN INTERCHANGE APR65 SER BELOW 425.MOD FOR UPDATING THE 140A OSCIL AUG65 SER AS INDIC.MOD TO INCR HEAT PROTECT NOV65 SER 520-542.MOD TO IMPR GATE OPER JAN67 SER BELOW 634.MOD TO USE NEW PLUG-IN NOT AVAILABLE AUG67 SER ABOVE 520.PREF REPL FOR Q421,Q441,Q446,+ Q481.SEDES 140A-5 NOT AVAILABLE NOT AVAILABLE JAN68 MOD FOR OPER ON 50,60,& 400-H2 MAY68 WA SER BELOW 748.HVPS MOD TO INCR Q6 REL SEP69 WO SER 520-748.MOD TO CORR LVPS MALFUNCT SEP76 WN SER BELOW 821-05592.REPL FOR HV ASSY OCT74 WN SER BELOW 747.REC REPL OF Q602 DEC83 WA SAFETY:ALL SER.MOD TO PREV POT SHOCK HAZ	
1408	OPER & SERV MAN MAN CHANGE	FEB69 00140-90909 0CT84 00140-90809 8L 01 08 02 FEB74 00140-90909	
140s	OPER & SERV MAN	JUN68 00140-90907 AUG70 00140-90807 01 08 02	

JUN82 01351-90804 8L 01 08 03

JUN82 01351-90804 8L 01 08 03

1351A-900

1351A-901

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20A-22

25-VO

E 40

OPER & SERVMAN

OPER & SERV MAN

JUL81 01351-90904

JUL81 01351-90904

11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART Date Number *** Descrip	DATE NUMBER	M P D P L T V G DESCRIPTION ***	PAGE 55 DESCRIPTION *** DESCRIPTION ***
140s	MAN CHANGE	JAN69 00140-90907	AUG70 00140-90807	01 08 02	
1401	OPER & SERV MAN MAN CHANGE	MAR70 00140-90910 JAN77 00140-90913 JAN78 00140-90913	APR78 00140-90813 8	01 08 02 USE 1 2 01 08 02	40T FICHE 00140-90813
	SERV NOTE SET BELOW 140T-1C-S	SEP82 WA SAFETY.AL	JAN83 L_SER.MOD TO REDUCE SHOCK	K HAZARD DURING	FAILURE CONDITIONS

11/08/85 MODEL O NUMBER C 16095A OPE 16096A OPE MAN

1607A-580

11/08/85 MODEL NUMBER

16070A

16071A

16072A

16074A

16075A

16076A

16077A

16079A

16080A

16081A

16082A

16083A

16084A

16085A

16086A

16091A

16092A

16093A

16093B

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11/08/85 MODEL NUMBER	PAGE 55 O LITERATURE H/C H/C PART FICHE FICHE PART M P D P C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08 MOD NUM
140\$	MAN CHANGE JAN69 00140-90907 AUG70 00140-90807 01 08 02	
1 40 T	OPER \$ SERV MAN MAR70 00140-90910 JUN73 00140-90810* 01 08 02 USE 140T FICHE 00140-90813 OPER \$ SERV MAN JAN77 00140-90913 APR78 00140-90813 8L 01 08 02 MAN CHANGE JAN78 00140-90913 SERV NOTE SET BELOW JAN83	16095 16096
	SERV NOTE SET BELOW JAN83 140T-1C-S SEP82 WA SAFETY.ALL SER.MOD TO REDUCE SHOCK HAZARD DURING FAILURE CONDITIONS 140T-10 SEP79 WN SER 1752A & BELOW.MOD TO PREVENT OSC IN -12.6 V PWR SUPPLY	16097
1407-580	OPER & SERV MAN JAN77 00140-90913 APR78 00140-90813 8L 01 08 02 MAN CHANGE JAN78 00140-90913	16099
1401-908	OPER & SERV MAN JAN77 00140-90913 APR78 00140-90813 8L 01 08 02 Man Change Jan78 00140-90913	1610A
1400A	OPER & SERV MAN APR67 01400-90902 0CT75 01400-90802 8L 01 08 01 MAN CHANGE !UN68 01400-90902	
1 4 00B	OPER & SERV MAN APR70 01400-90903 JAN72 01400-90803 01 08 02 Man Change US 0CT71 01400-90903 Man Change UK Jun70 01400-90903	
1401A	OPER & SERV MAN NOV67 01401-90902 MAR74 01401-90802 01 08 02 SERV NOTE SET BELOW 0CT78 1401A-1 NOV67 SER 516-00765 & DOWN.PREF REPL SETS FOR Q101, Q102 & Q201, Q202 1401A-2 JAN74 WN ALL SE%.REPL FOR HP P/N 1850-0103	
1402A	OPER & SERV MAN MAR67 01402-90903 MAY74 01402-90803 01 08 02 MAN CHANGE MAY73 01402-90903 OPER AND SERV MAN APR64 01402-99001 JUL84 01402-98901 8L 01 08 02 MAN CHANGE JUN65 01402-99001 SERV NOTE SET BELOW MAY78	
	1402A-1 APR65 SER 444-00426 & DOWN.MOD TO ELIM INTENSITY MODULATION 1402A-2 OCT65 SER 444-00426 & DOWN.MOD TO IMPR LOW LEVEL TRIGGERING 1402A-3 OCT65 WN SER 524-00641 & DOWN.MOD FOR IMPR PULSE RESPONSE 1402A-4 NOV65 MOD FOR X-Y OPER ABOVE 100HZ. 1402-5 OCT65 SER 444-00426 & DOWN.MOD FOR IMPR LOWLEVEL TRIGGERING 1402A-6A APR67 SER 535-01376 & DOWN.MCD FOR IMPR TRANSIENT VOLTAGE PROTECTION	1610A 1610B
	1402-7 1402A-8B JUL69 WO SER 709-02076 & DOWN.REPL FOR R149 & R249 1402A-9 1402A-9 1402A-10 JAN77 WO ALL SER.LOSS OF ALTERNATE OPERATION IN SOME 14X SERIES MAINFRAMES	
1403A	OPER & SERV MAN AUG66 01403-90902 MAY70 01403-90802 01 08 01	
1404A	OPER & SERV MAN AUG69 01404-90901 OCT84 01404-90801 8L 01 08 02 MAN CHANGE JAN74 01404-90901 SERV NOTE SET BELOW MAY78 1404A-1 AUG70 WO SER 910 & DOWN.MOD TO IMPR HIGH FREQ TRIGGER SENSITIVITY	
1405A	OPER & SERV MAN AUG66 01405-90901 0CT84 01405-90801 8L 01 08 01 MAN CHANGE 0CT73 01405-90901 SERV NOTE SET BELOW MAY78	1610B 1611A
	1405A-1A JUL69 WO SER 450-00760 & DOWN.REPL FOR R155 & R255 1405A-2 MAR73 WN SER 450 & DOWN.PREF REPL FOR Q404	
11/08/85 MODEL	O LITERATURE H/C H/C PART FICHE FICHE PART M P D P	11/08/ MODE

MAY82 01406-90801 8L 01 08 02

MAY78
DEC67 WO SER 704-00200 & DOWN-MOD TO INCREASE LIFE OF Q1 & Q2

AUG70 00140-90807

01 08 02

MAN CHANGE

OPER & SERV MAN

1408

PIN

41

βE

1406A

OPER & SERV MAN MAN CHANGE

SERV NOTE SET BELOW 1406A-1 1406A-2

APR67 01406-90901 MAR73 01406-90901

FEB74 00140-90909

JUN68 00140-90907

O C C MAN SERV 1611 1611 1611 1611 1611 1611

16094A

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OPE MAN OPE SER OPE INS SER 161 161 161 161 161 161 161

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 56 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1405A-H06	OPER & SERV MAN Man Change	OCT66 D1405-90902 AUG70 D1405-90802 D1 D8 D2 JUL68 D1405-90902
14064	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1406A-1 1406A-2 1406A-3A	APR67 01406-90901 MAY82 01406-90801 8L 01 08 02 MAR73 01406-90901 MAY78 DEC67 WO SER 704-00200 & DOWN.MOD TO INCREASE LIFE OF Q1 & Q2 JAN68 WO SER 740-00250 & DOWN.PREF REPL FOR Q1, Q2, Q201 & Q202 JUN68 WO SER 740-00250 & DOWN.MOD TO IMPR REL
1407 4	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1407A-1 1407A-2 1407A-3 1407A-4 1407A-5A	MAR67 01407-90902
1408A	OPER & SERV MAN Man Change	FEB70 01408-90901 JAN72 01408-90801 01 08 02 NOV71 01408-90901
	141A-18 141A/S-19 141A-20 141A/B/S-21S	DEC65 00141-90901 SEP71 00141-90801 01 08 03 OCT76 00141-90902 NOV84 00141-90802 8L 01 08 01 APR71 00141-90906 ARR68 00141-90906 SEP71 00141-90806 01 08 03 OCT68 00141-90906 MAR73 00141-90806 01 08 03 APR71 00141-90906 APR84 JAN60 CRT INSTALLATION APR66 SER BELOW 601.MOD TO IMPR WRITE RATE AUG67 PREF POWER TRANSISTOR REPLACEMENT APR67 SER BELOW 644.MOD TO ADAPT REMOTE ERASE OPERATION NOV66 SER BELOW 620.MOD TO IMPR ERASE FUNCTION JAN67 SER BELOW 634-MOD TO USE NEW PLUG-IN DEC66 SER WITH "" IN PREFIX.ORDERING REPLACEMENT (.RT FEB67 SER BELOW 634-00330.MOD TO EXTEND COLLIMATOR VOLTAGE RANGE JAN68 SER ABOVE 634-00330 HBL 08 01.MOD TO IMPR STORAGE TIME SER ABOVE 703.MOD KIT FOR REMOTE ERASE NOV67 SER 634-00330 THRU 635-00525.MODE SWITCH REPLACEMENT KIT JAN68 MOD PERMITS OPER ON 50,60 + 400-HZ APR68 WO SER BELOW 815.LONG TERM STORAGE MOD - WN SER BELOW 820.CRT PROTECTION MAY73 WN SER BELOW 801.MOD TO CORR LUPS MALFUNCTION OCT69 WA SELECTING CORRECT CRT + INSTALLING IT AUG72 CRT FLOOD GUN ACCELERATOR MOD NOV73 WN ALL SER.CRT NECK PIN LOCATION OCT74 WN SER BELOW 815.REC REPL OF Q602 DEC83 WA SAFETY:ALL SER.MOD TO PREV POT SHOCK HAZ
141B	OPER & SERV MAN MAN CHANGE	APR71 00141-90910 MAY75 00141-90810 01 08 02 JAN75 00141-90910
141B/S/T	SERV NOTE SET BELOW	

7.5		
		4
	1611A	MAN C
		SERV 1611A
		1611A
		1611A 1611A
		10258
V-jill		10260
		10262
		102.64
		107.66
	1611A-A65	OPER !
	CONTAILOI	OPER/
	1611A-0F8	OPER/
		VI
	1611A-068	0P &
KW		
	1611A-080	OP &
	4/454	0050
	1615A	OPER
si gad		OPER MAN C
		SERV
		1615A
		ALACA
F		1615A
1 1		1615A
		1615A 1615A
		1615A 1615A 1615A
		1615A 1615A 1615A 1615A
		1615A 1615A 1615A
		1615A 1615A 1615A 1615A
	1615A-001	1615A 1615A 1615A 1615A 1615A
	1615A-001	1615A 1615A 1615A 1615A 1615A OP &
		1615A 1615A 1615A 1615A 1615A
	1615A-001 1615A/9835-1	1615A 1615A 1615A 1615A 1615A OP & OP &
	1615A-001 1615A/9835-1	1615A 1615A 1615A 1615A 1615A OP & OP & INTRO
	1615A-001 1615A/9835-1	1615A 1615A 1615A 1615A 0P & 0P & INTRO 0PER SERV
	1615A-001 1615A/9835-1 162A	1615A 1615A 1615A 1615A 1615A OP & OP & INTRO
	1615A-001 1615A/9835-1	1615A 1615A 1615A 1615A 0P & 0P & INTRO 0PER SERV
	1615A-001 1615A/9835-1 162A 162B	1615A 1615A 1615A 1615A 0P & 0P & INTRO 0PER SERV 162A- 0PER
	1615A-001 1615A/9835-1 162A	1615A 1615A 1615A 1615A 0P & 0P & INTRO 0PER SERV 162A-
	1615A-001 1615A/9835-1 162A 162B-H02	1615A 1615A 1615A 1615A 0P & 0P & INTRO 0PER SERV 162A- 0PER
	1615A-001 1615A/9835-1 162A 162B	1615A 1615A 1615A 1615A 0P & OP & INTRO OPER SERV 162A- OPER OPER
	1615A-001 1615A/9835-1 162A 162B-H02	1615A 1615A 1615A 1615A 0P & 0P & INTRO 0PER SERV 162A- 0PER
	1615A-001 1615A/9835-1 162A 162B-H02	1615A 1615A 1615A 1615A 0P & OP & INTRO OPER SERV 162A- OPER OPER

11/08/85 MODEL NUMBER

11/08/85 MODEL NUMBER	O LITERATURE TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
141B/S/T	1418-1 141A/S-19 141B/T-1	AUG72 WO CRT FLOOD GUN ACCELERATOR MOD NOV73 WN ALL SER.CRT NECK PIN LOCATION SEP71 WO SER BELOW 1104A00385.PREF REPLACMENTS
	1418T-2 141T-3 141T-4 141T-5	JAN72 WO SER BELOW 1145A00565.PREF REPLACMENTS DEC73 WN ALL SER.FAST + STAND.MODE ADJ USING SPECTRUM ANALYZER PLUG-INS DEC73 WN ALL SER.COOLING FAN MODIFICATION DEC75 WO SER DELOW AFFORMATION
	1418/T-6 141T-78-S 1418-7	DEC75 WO SER BELOW 1502A10545.REV TO IMPR OPER JUL76 WA 141B ALL SER.141T SER 1516A & BELOW REQ PARTS CHNG WHEN REPL CRT JUN82 WA SAFETY.SER 1502A & BELOW.ELIM OF SAFETY HAZARD JUL77 WN SER 972 & BELOW.MOD KIT 5061-0855 FOR IMPROVED STORAGE CRTS

11/08/85
MODEL 0 L
NUMBER C

162D-H02 OPER 8
162F OPER 8
MAN CE

OPER

OPER P

1620A

11/08/85		ning dia kalang panggalang ang panggalang ang panggalang panggalang panggalang panggalang panggalang panggalan
MODEL NUMBER	O LITERATURE C Type	H/C PART FICHE FICHE PART M P D P
		DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
141B/S/T	1415-1	사람들은 물 때문에 보면 하면 생물로 불러 들었다. 나는 물병이 되는 한 경우에서 외국 그는 어머니는 말이 그렇지만 모습니다. 그는 사는 사는데 그는 다른 사는 경우를 받는 수 있다. 얼굴 그
1710/0/1	141A/S-19	AUG72 NO CRT FLOOD GUN ACCELERATOR MOD NOV73 NN ALL SER.CRT NECK PIN LOCATION
	141B/T-1	SEP71 WO SER BELOW 1104A00385.PREF REPLACMENTS
	141BT-2	JAN72 WO SER BELOW 1145A00565.PREF REPLACMENTS
	1411-3	DEC73 WN ALL SER. FAST + STAND. MODE ADJ USING SPECTRUM ANALYZER PLUG-INS
	141T-4 141T-5	DEC73 WN ALL SER.COOLING FAN MODIFICATION DEC75 WO SER BELOW 1502A10545.REV TO IMPR OPER
	1418/1-6	JUL76 WA 141B ALL SER. 141T SER 1516A & BELOW REQ PARTS CHNG WHEN REPL CRT
	141T-7B-S	JUNEZ WA SAFETY.SER 1502A & BELOW.ELIM OF SAFETY HAZARD
	1418-7	JUL77 WN SER 972 & BELOW.MOD KIT 5061-0855 FOR IMPROVED STORAGE CRTS
	141T-8 141T-9	JUL77 WN SER 972 & BELOW.MOD.KIT 5061-0855 FOR IMPRVD STORAGE CRTS
	1417-10	SEP79 WN SER 1850A & BELOW.MOD TO PREVENT OSC IN -12.6 V PWR SUPPLY SEP79 WN SER 1850A & BELOW.MOD TO PREVENT NOISE IN LOW V PWR SUPPLY
	141T-11	MAR81 WO ALL SER.CIRC BD MOD TO CORRECT +248 V POWER SUPPLY
	141T-12	JUNBS WN SER 1145A TO 1802A. DIRECTION FOR REPL 00141-66519 LOW V PUR SUPPLY BD
	141 T-13\$	JUL82 WN SAFETY.ALL SER.ELIN POT SAFETY HAZ
1415	OPER & SERV MAN	OCT68 00141-90905 JUL80 5951-6197 8L 01 08 02
	MAN CHANGE	MAR70 00141-90905
141T	OPER & SERV MAN	JUL75 00141-90913 AUG75 00141-90813* 8L 01 08 02 USE 141T FTCHE 00141-90814
	OPER & SERV MAN	JUL75 00141-90913 AUG75 00141-90813* 8L 01 08 02 USE 141T FICHE 00141-90814 JUN76 00141-90914 JAN81 00141-90514* 8L 01 08 02 USE 141T FICHE 00141-90815
	OPER & SERV MAN	APR82 00141-90915 JUN83 00141-90815 8L 01 08 02
	MAN CHANGE	
	INSTALL INSTRUCT	JAN81 5955-8091 MAR81 5955-8092 8L 01 08 01
1410A	OPER & SERV MAN	MAY68 D1410-90902 OCT84 01410-90802 8L 01 08 02
	MAN CHANGE SERV NOTE SET BELOW	. JUN72 01410÷90902 1 23 1 24 25 1 1 25 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1410A-1	MAY67 BEST METHOD FOR ADJ 1 MV/CM VERTICAL GAIN
	1410A-2	JUN67 SER 715-00275 & DOWN. PREF TRANSISTOR REPLACEMENT
1411/	OPER & SERV MAN	AUG68 01411-90902 MAY70 01411-90802 01 08 02
	MAN CHANGE	MAY69 01411-90902
	SERV NOTE SET BELOW	
	1411A-1 1411A-2	MAY67 BEST METHOD OF ADJ THE 1 MV/CM VERTICAL GAIN JUN67 SER 705-00300 & DOWN.PREF REPL FOR 0503 & 0504
	1411A-3A	JUN67 SER 705-00300 & DOWN.PREF REPL FOR Q503 & Q504 AUG67 SER 705-00300 & DOWN.SIMPLE CHANGE TO RED LO FREQ DIST WHEN USING 1432A 4 GHZ
	CONT'D	SAMPLER HEAD
	14114-44	DEC67 SER 724-00375 & DOWN.MOD TO PREVENT "LOCK UP" BETWEEN 100 MV-200 MV/CM RANGE
1415A	OPER & SERV MAN	MAR70 01415-90906 OCT84 01415-90806 8L 01 08 02
	MAN CHANGE	AUG75 01415-90906
	SERV NOTE SET BELOW	
	1415A-1 1415A-2	NOV65 SER 426 & DOWN.PROC FOR PULSE GENERATOR ASSEMBLY REPLACEMENT
	14150-5	OCT65 SER 505-00171 & DOWN.MOD TO IMPR OPERATION FOR LONG LINE TESTING OCT65 SER 512-00536 & DOWN.MOD TO REDUCE HORIZONTAL DRIFT
	14154-4	OCT65 SER 526-00636 & DOWN.MOD TO REDUCE BASE LINE SHIFT
	1415A-5	NOV65 SER 445-00386 & DOWN.MOD TO INCREASE EFFICIENCY THROUGH JITTER REDUCTION
	1415A-6B	JUN66 SER 512-00536 & DOWN.MOD FOR REDUCED INTERFERENCE
	1415A-7 1415A-8A	NOV65 SER 548-00986 + DOWN.REQ MOD FOR USE WITH MODEL 141A OSCILLOSCOPE NOV65 SER 548-00986 + DOWN.MOD FOR IMPR RETRACE BLANKING + DOT INTENSITY
	14154-94	NOV65 SER 548-00986 + DOWN.MOD FOR IMPR RETRACE BLANKING + DOT INTENSITY SEP68 SER 512-00536 + DOWN.IMPR X-Y RECORDER OUT OPERATION
	1415A-10A	APR68 SER 816-01911 + DOWN. MOD FOR IMPROVED STEP STABILITY.
	1415-11	MAR73 TIME DOMAIN REFLECTOMETER PREFERRED PARTS REPLACEMENT

		HAR/:	TIME DOMAIN	REFLECTOMETER PREFERRED PARTS REPLACEMENT
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE		PAGE 58 FICHE FICHE PART M P D P DATE NUMBER L T V G N *** DESCRIPTION *** DESCRIPTION ***
1415A	14154-12	OCT74		1 + DOWN.REC REPL OF 9602
1415A-H08	OPER & SERV MAN	JANOO	01415-90907	AUG82 01415-90807 8L 01 08 01
1416A	OPER & SERV HAN MAN CHANGE	OCT73	01416-90902 01416-90902	OCT84 01416-90802 8L 01 D8 01
	SERV NOTE SET BELOW 1416A-1		WO SER 848-0092	MAY78 1 + Down.Preferred Replacement transistors
1420A	OPER & SERV MAN MAN CHANGE SERV NATE SET BELOW	FEB70	01420-90905 01420-90905	JUN75 01420-90805 01 08 02

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1415A-12	OCT74 WN SER 816-01911 + DOWN.REC REPL OF 9602
OPER & SERV MAN	JANOO 01415-90907 AUG82 01415-90807 8L 01 08 01
OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR67 01416-90902 0CT84 01416-90802 8L 01 08 01 OCT73 01416-90902 MAY78
1416A-1	DEC68 WO SER 848-00921 + DOWN.PREFERRED REPLACEMENT TRANSISTORS
OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR68 01420-90905 JUN75 01420-90805 01 08 02 FEB70 01420-90905
1420A-1 1420A-2 1420A-3A 1420A-4A CONT'D	MAY78 - SER 441-00666 + DOWN.MOD TO IMPROVE TRACE POSITION STABILITY SEP66 SER 441-01325 + DOWN.MOD FOR OPERATION WITH DC STABILIZED VERTICAL PLUG-INS JAN72 WN SER 639-01876 + DOWN.IMPROVED TRIGGER SENSITIVITY POTENTIOMETER DEC67 SER 620-01676 + DOWN.USING AGED 6DJ8S FOR V101, V102, V103, V111, V202, V203 TO IMPROVE STABILITY
1420A-5A 1420A-6	JAN72 WN SER 639-02359 + DOWN.PREFERRED REPLACEMENT FOR R254 MAR73 WN SER 964 + DOWN.PREF REPL FOR Q101
OPER & SERV MAN MAN CHANGE	APR68 01421-90905 NAR81 01421-90805 8L 01 08 02 MAY75 01421-90905
SERV NOTE SET BELOW 1421A-1A 1421A-2A 1421A-3 1421A-4 CONT'D 1421A-5	JUN68 WO SER 803 + DOWN.MOD FOR ADDN GATE PROTECTION AGAINST TRANSIENT VOLTAGES DEC66 SER 545 + DOWN.MOD FOR OPERATION WITH DC STABILIZED VERTICAL PLUG-INS NOV66 SER 627-00851 TO 627-01140.SIMPLE WIRE CHANGE TO IMPR OPER WITH 1406A OR 1407A JUN68 WO SER 803 + DOWN.MOD TO PREVENT BURNOUT OF CR305, 306, 311, 312, WHEN INTEGRATOR OUTPUT IS ACCIDENTALLY GROUNDED - WO SER 803-02700 + DOWN.PREF REPLACEMENT FOR R200
MODIF SPEC	FEB66 01421-90908 MAR81 01421-90808 8L 01 08 01
OPER & SERV MAN MAN CHANGE	APR67 01422-90902 MAY70 01422-90802 01 08 01 FEB70 01422-90902
OPER & SERV MAN MAN CHANGE US MAN CHANGE UK SERV NOTE SET BELOW	MAR68 01423-90903 AUG70 01423-90803 01 08 02 FEB70 01423-90903 JUN70 01423-90903
1423A1 CONT'D	MAY78 JUN68 WO SER 709-00350 + DOWN.MOD TO PREVENT BURNOUT OF CR305, 306, 311, + 312 WHEN INTEGRATO OUTPUT IS ACCIDENTLY GROUNDED
1423A-2 1423A-3A	JUN68 WO SER 709-00350 + DOWN.REC FOR REPLACEMENT OF A204 FEB69 WO SER 847-00491 + DOWN.MOD TO IMPR REL
OPER & SERV MAN	OCT70 01424-90902 JAN71 01424-90802 01 08 03
1424A-1 1424A-2 1424A-3A 1424A-4 1424A-5	JAN68 SER 801-00225 + DOWN.DIODE HOLDERS FOR THRESHOLD DETECTOR TUNNEL DIODES MAY68 SER 801-00225 + DOWN.REPT. OF MODE + LEVEL POTS + KNOBS JUL68 SER 803-00270 + DOWN.K OF A4 FEB68 REC DIODE REPLACEMENT AUG70 WA SER 822 + DOWN.REC REPL OF A1R3
OPER & SERV MAN Man Change	OCT70 01425-90903 JUN75 01425-90803 01 08 03 DEC70 01425-90903
	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1416A-1 OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1420A-2 1420A-3A 1420A-6 OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1421A-1A 1421A-2A 1421A-3 1421A-4 CONT'D 1421A-5 MODIF SPEC OPER & SERV MAN MAN CHANGE US MAN CHANGE OPER & SERV MAN SERV NOTE SET BELOW 1423A-2 1424A-3 1424A-3 1424A-3 1424A-5 OPER & SERV MAN

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		1640A-6 1640A-7
		1640A-8A 1640A-9
		1640A-10 1640A-11 1640A-12
		1640A-13 1640A-14
	1640B	OPER GUI
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		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	NUMBER	U
425 A	1425A-1 1425A-2 1425A-3 1425A-4 1425A-5	JUN67 SER 707-00168 + DOWN.MOD TO UP RANGE OF MIN DELAY. PREF REPL FOR A3Q3 AUG67 TROUBLE SHOOTING GUIDE FOR THRESHOLD DETECTOR JAN68 PREF REPL FOR A2VR1, R10, A2T1 + A3T1 FEB68 SER 748-00675 + DOWN.TUNNEL DIODE HOLDERS AVAILABLE APR69 RECOMMENDED DIODE REPLACEMENT	16408	SERV SERV MAN C SERV SERV
434	OPER & SERV MAN MAN CHANGE	AUG69 00143-90903 MAY74 00143-90803 01 08 02 SEP73 00143-90903		1640B 1640B 1640B
43A/S	SERV NOTE SET BELOW			16408

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 16408-1 16408-2 16408-3
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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 59 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1425A	1425A-1 1425A-2 1425A-3 1425A-4 1425A-5	JUN67 SER 707-00168 + DOWN.MOD TO UP RANGE OF MIN DELAY. PREF REPL FOR A3Q3 AUG67 TROUBLE SHOOTING GUIDE FOR THRESHOLD DETECTOR JAN68 PREF REPL FOR A2VR1, R10, A2T1 + A3T1 FEB68 SER 748-00675 + DOWN.TUNNEL DIODE HOLDERS AVAILABLE APR69 RECOMMENDED DIODE REPLACEMENT
1434	OPER & SERV MAN MAN CHANGE	AUG69 00143-90903 MAY74 00143-90803 01 08 02 SEP73 00143-90903
143A/S	SERV NOTE SET BELOW 143A-1 143A-2 143A-3 143A-4 143S-1 143S-2	OCT78 DEC68 WA SER BELOW 838-00140.MOD TO PREV OSCIL MAR69 WO HV PROTECTION FUSE CHANGE - NOT AVAILABLE APR77 WN SER 1150A & BELOW.MOD KIT 5061-0853 FOR IMPROVED CRTS - NOT AVAILABLE APR77 WN SER 0967A & BELOW.MOD KIT 5061-0853 FOR IMPROVED CRTS
143S	OPER & SERV MAN Man Change	AUG69 00143-90902 JUN83 00143-90802 8L 01 08 02 OCT75 00143-90902
1430A	OPER & SERV MAN SERV NOTE SET BELOW 1430A-1	AUG70 01430-90904 0CT70 01430-90804 01 08 02 MAY78 FEB68 SER 715-00325 + DOWN.REPL CR110 + CR111
1430B	OPER & SERV MAN	AUG70 01430-90904 0CT70 01430-90804 01 08 02
1 43 0c	OPER & SERV MAN	AUG72 01430-90905 FEB85 01430-90805 8L 01 08 02
1431A	OPER & SERV MAN SERV NOTE SET BELOW 1431A-1	AUG70 01430-90904 0CT70 01430-90804 01 08 02 MAY78 FEB68 SER 707-00205 + DOWN.REC DIODE REPL
1432A	OPER & SERV MAN	AUG70 01430-90904 OCT70 01430-90804 01 08 02
14533B	OPER & SERV MAN	AUG70 14533-90002 0CT70 14533-90003 01 21 01
14534A	OPER & SERV MAN	AUG70 14533-90002 0CT70 14533-90003 01 21 01
14543A	OPER & SERV MAN	JUL73 14543-90004 OCT80 14543-90008 8L 01 21 01 6940A INTERFACE KIT OPT 001 (RTE)
14550A	DRIVER PROG PROC MAN CHANGE	NOV73 14550-90002 AUG85 14550-90010 8L 01 21 01 JANDO 14550-90002
145508	OPER & SERV MAN MAN CHANGE	MAR79 14550-90007 APR83 14550-90008 8L 01 21 02 JUL82 14550-90007
14570A	OPER & SERV MAN	FEB82 14570-90001 MAY82 14570-90002 8L 01 21 01
14700A	SERV NOTE SET BELOW 6942A-1	JAN81 OCT80 WO SER 1920A00155 & BELOW.MOD TO PREVENT 6942A SYST HANG-UP BY 6943A EXTENDER CROWBAR
14703A	INSTALL MAN	OCT79 14703-90001 APR83 14703-90002 8L 01 21 01
14704A	INSTALL NOTE	APR84 14704-90002 JUN85 14704-90003 8L 01 21 01

1432A	OPER & SERV MAN	AUG70	01430-90904	OCT70 01430-90804	01 08	l 02	
14533B	OPER & SERV MAN	AUG70	14533-90002	OCT70 14533-90003	01 21		
14534A	OPER & SERV MAN	AUG70	14533-90002	OCT70 14533-90003	01 21	01	166A-
14543A	OPER & SERV MAN	JUL73	14543-90004	OCT80 14543-90008	8L 01 21	01 6940A INTERFACE KIT OPT 001 (RTE)	
14550A	DRIVER PROG PROC MAN CHANGE		14550-90002 1 4 550-90002	AUG85 14550-90010		강성으로 발리 물로 하면 그는 바람이라고 한다면 말을 때면 되었다. 그는	166B
145508	OPER & SERV MAN MAN CHANGE	the second of the second	14550-90007 14550-90007	APR83 14550-90008	8L 01 21	02	166B-
14570A	OPER & SERV MAN	FEB82	14570-90001	MAY82 14570-90002	8L 01 21		
14700A	SERV NOTE SET BELOW 6942A-1			JAN81 5 & BELOW.MOD TO F	PREVENT 69	242A SYST HANG-UP BY 6943A EXTENDER CROWBA	166C R
14703A	INSTALL MAN	OCT79	14703-90001	APR83 14703-90002	8L 01 21	01	166D
14704A	INSTALL NOTE	APR84	14704-90002	JUN85 14704-90003	8L 01 21		
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11/08/85 Model Number	O LITERATURE C TYPE	H/C CATE	NUMBER D	FICHE FICHE PART DATE NUMBER	LTV	PAGE 6	MODE
MODEL NUMBER	/C	EATE	NUMBER D *** DESCRIPTION	DATE NUMBER	LTV	크 문 하이 많이 고통하다는 요즘의 고문을 보세요? 그렇게 됐습니다.	MODE
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MODEL NUMBER 147046 14717A 14718A	INSTALL NOTE INSTALL NOTE INSTALL NOTE INSTALL NOTE SERV NOTE SET BELOW	APR84 1 APR84 1 SEP84 5 SEP84 5	NUMBER DESCRIPTION *** DESCRIPTION 4704-90002 J 4704-90002 J 950-1992 J 950-1992 J	DATE NUMBER *** DESCRIPTION ** JUN85 14704-90003 JUN85 14704-90003 JUN85 5950-1993 JUN85 5950-1993 DCT85	** DESCRIP 8L 01 21 8L 01 21 8L 01 21 8L 01 21 8L 01 21	P 6 PTION *** DESCRIPTION *** DESCRIPTION *** 01 01 01	MODEI NUMBI 1660-H
	INSTALL NOTE INSTALL NOTE INSTALL NOTE INSTALL NOTE SERV NOTE SET BELOW 14751A-1	APR84 1 APR84 5 SEP84 5 JAN85 W	NUMBER DESCRIPTION *** DESCRIPTION 4704-90002 J 4704-90002 J 950-1992 J 950-1992 J N ALL SER.CORRECT	DATE NUMBER *** DESCRIPTION ** JUN85 14704-90003 JUN85 14704-90003 JUN85 5950-1993 JUN85 5950-1993 DCT85	L T V ** DESCRIP 8L 01 21 8L 01 21 8L 01 21 8L 01 21 IN 69791A	P G TION *** DESCRIPTION *** DESCRIPTION *** 01 01 01 01 V MEMORY CARD TEST ROUTINE	166D-H

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11/08/85 MODEL	A TTERATURE	11.76	11/2 22-						PAGE	60
NUMBER	O LITERATURE C TYPE	H/C LATE	H/C PART NUMBER *** DF.SCRIPTIO	FICHE DATE N ***	NUMBER	L	T	V) P / G [PTION *** DESCRIPTION *** DESCRIPTION ***	
147046	INSTALL NOTE	APR84	14704-90002	JUN85	14704-90003	8L	01	21	01	
14704C	INSTALL NOTE	APR84	14704-90002	JUN85	14704-90003	8L	01	21	01	
147174	INSTALL NOTE	SEP84	5950-1992	JUN85	5950-1993	8L	01	21		
14718A	INSTALL NOTE	SEP84	5950-1992	JUN85	5950-1993	8L	01	21	L 01	
14751A	SERV NOTE SET BELOW 14751A-1		WN ALL SER.CORR	0CT85 EC T0	SOFTWARE CODE	IN	69	791/	IA MEMORY CARD TEST ROUTINE	
14752A	PROG REFER MAN	DEC84	14752-90001	JUN85	14752-90002	8L	01	21	07	
1508	OPER & SERV MAN SERV NOTE SET BELOW 150A-1 150A-2 150A-3 150A-5 150A-6 150A-7 150A-8 150A-98 150A-14B 150A-14B		SER BELOW 14	MAY78 E E E E O.Mod 39.Mod REPL O	TO VERT DEFLE TO SILICON R F HV ASSY (00	CTI(ECT	ON IFII	i ERI	KIT OF THE STATE O	
50AR	OPER & SERV MAN	JAN61	150A - 900		150A-800	8L	01	08	3 02	
151A	OPER & SERV MAN Man Change	The second second second	151A-900 151A-900	OCT71	151A-800		01	80	3 01	
 518	OPER & SERV MAN Man Change		1518-900 1518-900	JAN82	5951-6269	8L	01	80	3 01	
5105A	SERV NOTE SET BELOW 15105A-G-1		WO SER BELOW 5	MAY78 749-00	240.REC REPL	OF :	TRAI	VSDU	DUCERS WITH DAMAGED GUIDE STUDS	
15119C	OPER & SERV MAN	DEC71	15119-90001	FEB72	15119-90051	81.	01	В1		
5141A	SERV NOTE SET BELOW 15141A-1A	The state of the s	WN ALL SER.HIGH	MAY78 -POTEN	TIAL TEST					
15179A	INSTALL INSTRUCT	06T30	15179-90901	JAN81	15179-90801	8L	01	80	3 01	
152A	SERV NOTE SET BELOW 152A-1	• • • • • • • • • • • • • • • • • • •	SER BELOW 10	MAY78 85.REP	L OF INPT ATT	EN				
15254A	OPER & SERV MAN	NOV73	15254-90001	MAY82	5955-4338	8L	01	12		
15263A	OPER & SERV MAN	APR77	15263-90001	JUN77	15263-90501	8L	01	В1	01	
153A	OPER & SERV MAN	JAN00	153A-900	OCT81	153A-800	8L	01	80	9 01	
1548	OPER & SERV MAN	APR61	154A-900	SEP81	5951-6273	8L	01	80		

11/08/85	
	O LITERAT C Type
166D - H02	OPER & SERV MAN REVISED
	MAN CHANGE MAN CHANGE B
166E	OPER & SERV
166F	OPER & SERV
170A	MAN CHANGE OPER INSCTRU
	OPER & SERV MAN CHANGE
170A-H02	OPER & SERV
170A/B	MAN CHANGE SERV NOTE SE
	170A-2A CONTD
1708/BR	OPER & SERV
1700 SERIES	MAN CHANGE OPER & SERV
	OPER & SERV
1700A	OPER & SERV Man Change Serv Note Se
	1700A-1A 1700A-2
	1700A-3 1700A-4A
	1700A-5 1700A-6 1700A-7
1700A-008	OPER NOTE
1700A-009	MAN CHANGE
1700A-020	OPER NOTE
	MAN CHANGE
17008	OPER & SERV MAN CHANGE SERV NOTE SE
	17008-1 17008-2
	1700B-3



11/08/8 MODEL NUMBE

1700B-3

17002A

17004A

17005A

17007A

17007AM

17008A

1701A

1701A-0

1701A-0

1701A-0

1701A-G

1701A-0

1701A-0

1701A-0

1701B

하는 이 교회 교육을 보았다. 그리는 이 경험을 된	
BACE AND SECOND	
PAGE 46	Ċ
그렇게 돌아된 아이 밤빛도가 보셨다면요 이상	
스마스 취임 하스템, 요리 강에 들고 있는데 그 모르고	
SCRIPTION ***	
항품 다른 옷이 없을 것이 되고 있는 그래도 말하고 하다.	Ċ
다는 병교에, 하는데 한 사물에게 하를 되는데 있다.	
사람들 바다 가장 하다 하는 사람들이 되었다.	
uman na Pina Binak di Nilah Pina Pinan Nasi di Kab	î
	÷.
[4일 시민화] 10g 12 (1) 10 10 10 10 10 10 10 10 10 10 10 10 10	Ì
선생님들이 내려가 되는 것들이 살을 다	
-2419	ľ
	١
게임 그리고 말을 하는 것이 되었다.	
프리아 그는 아이들의 교리는 내가 아이를 하는 일을 가장한	
화물하다 된 건글이 계속 원람이다	
引导的跨程设置与引起 (A. Dienstein George)	
요이 되고 그 눈을 하지만 하게 되고 있는 것이다.	
지역 중화 전쟁하다. 하늘 병원 등에 함께 되어 있다는 경험	í
-2419	
-2419 -2419	
그리 없이 하시고 하지만 아이들은 그는 밤에 받다.	
	Ċ,
하는 그 의 한 글로부터 되는 것으로 살린 일다	
	٠
-2419	ŀ
-2419	
	٠
그림 마음 나는 사람들은 그리고 하는 사람들이 다른	Ċ,
5 김 전 집 경우 화학계의 교육 시간화	
	'n
-2419	
-2419	
	3
하면 하다 가지 않면 하는 이 사람들이 보다 보다.	
	ŀ
나와 들어 마음 하다는 것 같이 나고를 많아	
소리 시작하다 고하는데 그리지	
	٠
514	i
812 820	
어머니 뭐다하는 나는 뭐 하나요? 한 번 다	
	•
최고 발표하는 전 경기를 가는 이 기술 보였다.	
VK• Jakali + Palata (alaba)	

CCELERATOR CONN

PAGE 47

1/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON ***	NUMBER	L	T	٧	PAGE 6 G PTION *** DESCRIPTION *** DESCRIPTION ***
544	MAN CHANGE	OCT60	1544-900	SEP81	5951-6273	8L	01	08	
5413A	OPER & SERV MAN	AUG83	15414-90001	JAN84	15414-95001	8L	01	В1	02
5414A	OPER & SERV MAN SERV NOTE SET BELOW 15414A-1		15414-90001 WO SER 2330600	JUL84				B1	02 1 mains select wire
5424A	OPER & SERV MAN		15425-90001		15425-95001			B1	이번에 내려 가를 받으면 그렇게 하는데 가를 가면 하는데 살이 없다.
5425A	OPER & SERV MAN	AUG84	15425-90001		15425-95001			В1	
5 5 A	OPER & SERV MAN MAN CHANGE SUPP C	JUN71	00155-90901 00155-90901 00155-90901	JUN80	5951-6274			08	화장 시간 기업 전에 보는 내일을 하는데 된 때 보다 했다.
	SERY NOTE SET BELOW 155A-1		WO SER BELOW 8	MAY78	FREQ INTENSI	TY I	HODI	JLA'	
550A	OPER & SERV MAN SUPP C MAN CHANGE	MAY66 DEC66	01550-90901 01550-90901 01550-90901		01550-90801			80	
506A	OPER & SERV NOTE	AUG80	15506-90000	NOV80	15506-90025	8L	01	14	01
507A	OPER & SERV NOTE	NOV77	15507~90000	MAR78	15507-90025	8L	01	14	01
5508B	OPER & SERV NOTE OPER & SERV NOTE		15508-90001 15508-90002	MAR78 DEC78	15508-90026* 15508-90027	8L 8L	01 01	14 14	01 USE 15508B FICHE 15508-90027 01
5508C	OPER NOTE	AUG80	15508-90003	NOV80	15508-90028	8L	01	14	01
509A	OPER & SERV NOTE	SEP77	15509-90000	DEC7?	15509-90025	8L	01	14	01
509B	OPER NOTE	MAR81	15509-90001	JUL81	15509-90026	8L	01	14	01
510A	OPER NOTE	MAR81	15510-90000	JUL81	15510-90025	8L	01	14	01
511A	OPER NOTE	MAR81	15511-90000	JUL81	15511-90025	8L	01	41	
5515B	OPER & SERV NOTE	JAN80	15515-90000	AFR80	15515-90025	8L	01	14	
5516A	OPER NOTE	MAR80	15516-90000	JUN80	15516-90025	8L	01	14	
5517A	OPER NOTE	MAR80	15517-90000	JUN80	15517-90025	8L	01	14	01
5518A	OPER & SERV MAN	JUL84	15518-90000	AUG85	15518-90025	8L	01	14	01
518B	OPER & SERV MAN	JUL84	15518-90000	AUG85	15518-90025	UL	01	14	01
5518C	OPER & SERV MAN	JUL84	15518-90000	AUG85	15518-90025	8L	01	14	01
5519A	OPER NOTE	SEP79	15519-90000	DEC79	15519-90025	8L	01	14	
5520A	OPER NOTE OPER NOTE	. 6	15520-90001 15520-95001		15520-90026 15520-95026*				01 01 USE 15520A FICHE 15520-90026

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2 11/08/8

15516A	OPER NOTE	MAR80 15516-90000 JUN80 15516-90025 8L 01 14 01
15517A	OPER NOTE	MAR80 15517-90000 JUN80 15517-90025 8L 01 14 01
15518A	OPER & SERV MAN	JUL84 15518-90000 AUG85 15518-90025 8L 01 14 01
15518B	OPER & SERV MAN	JUL84 15518-90000 AUG85 15518-90025 UL 01 14 01
15518C	OPER & SERV MAN	JUL84 15518-90000 AUG85 15518-90025 8L 01 14 01
15519A	OPER NOTE	SEP79 15519-90000 DEC79 15519-90025 8L 01 14 01
15520A		JUN77 15520-90001 SEP77 15520-90026 8L 01 14 01 JAN72 15520-95001 OCT72 15520-95026* 01 14 01 USE 15520A FICHE 15520-90026
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 62 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G **** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
15520c	OPER NOTE	SEP79 15520-90002 DEC79 15520-90027 8L 01 14 01
15521A	OPER NOTE	<u>님들이, 말리면 하는 그렇게 되는 것이 되면 했다. 그리는 사람들이 되었다면 하는 것이 되었다면 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데</u>
155218	OPER NOTE	병사 그들은 사람들은 사람들은 내내로 사용하는 사람들은 사람들은 하는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
15522A	OPER NOTE	JAN76 15521-90000 DEC82 15521-90025 8L 01 14 01 JAN72 15522-95001 OCT72 15522-95026 01 14 01
15522C	OPER NOTE	DEC77 15522-90001 MAR78 15522-90026 8L 01 14 01
15524A	SERV NOTE SET BELOW	이 있는 사람들은 보고 있다면 하는 사람들이 되는 것이 되었다. 그런 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 되는 것이 되었다. 그는 것은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
15525A	SERV NOTE SET BELOW 15524A-1/15525A-1/ 15526A-1	MAY78 Nov68 wa ser below u830-00300.Faulty accessory cables
15526A	OPER NOTE	JAN72 15526-95001 OCT72 15526-95026 01 14 01
	SERV NOTE SET BELOW 15524A-1/15525A-1/ 15526A-1	MAY78 NOV68 WA SER BELOW U830-00300.FAULTY ACCESSORY CABLES
15530A	OPER NOTE	OCT70 15530-95000 FEB71 15530-95025 01 14 01
15533A	OPER NOTE	JAN72 15533-95001 OCT72 15533-95026 01 14 01
15533в	OPER NOTE	JAN76 15533-90000 DEC82 15533-90025 8L 01 14 01
15537A	OPER NOTE	OCT70 15537-95000 FEB71 15537-95025 C1 14 D1
15549A	OPER & SERV MAN MAN CHANGE	APR72 15549-95000 0CT72 15549-95025 01 14 01 MAY72 15549-95000

		15526A-1							
	15526A	OPER NOTE SERV NOTE SET BELOW		15526-95001	MAY78	15526-95026			
		15524A-1/15525A-1/ 15526A-1	NOV68	WA SER BELOW	U830-003(O. FAULTY AC	ESSO	RY	CABLES
	15530A	OPER NOTE	OCT70	15530-95000	FEB71	15530-95025		01 '	
	15533A	OPER NOTE	JAN72	15533-95001	OCT72	15533-95026		01	14 01
	15533B	OPER NOTE	JAN76	15533-90000	DEC82	15533-90025	8L	01	
	15537A	OPER NOTE	OCT70	15537-95000	FE871	15537-95025		C1 :	
	155 49 A	OPER & SERV MAN MAN CHANGE		15549-95000 15549-95000	0CT72	15549-95025		01	14 01
	15550A	OPER NOTE OPER NOTE		15550-95000 15550-90001		15550-95025 15550-90026		01 01	14 01 USE 15550A FICHE 15550-90026 14 01
	15550C	OPER NOTE	SEP79	15550-90002	DEC79	15550-90027	8L	01	
	15570A	OPER NOTE	SEP76	15570-90000	JUL77	15570-90025	8L	01	14 01
	15575A	OPER & SERV NOTE Man Change		15575-90000 15575-90000	AUG80	15575-90025	8L	01 '	14 01
	15575B	OPER & SERV NOTE Man Change		15575-90000 15575-90000	AUG80	15575~90025	8 L	01	
	15575C	OPER & SERV NOTE MAN CHANGE		15575-90000 15575-90000	AUG80	15575-90025	8L	01	
ERATOR CONN	155750	OPER & SERV NOTE MAN CHANGE	FEB78 JUN79	15575-90000 05575-90000	AUG80	15575-90025	8L	01	
	15575E	OPER & SERV NOTE	FEB78	15575-90000	AUG80	15575-90025	8L	01 '	
	11/02/25								

ELERATOR CONN

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CRIPTION ***

CELERATOR CONN

1701A-GO

1701A-01

1701A-01

17014-02

11/08/85 MODEL NUMBER

1702A

1703A

17/06A

1706B

1707A

1707A-H6

1707A-00

1707A-00

17074-00

1707A-01

1707A-02

11/08/85 MODEL

1701B

	15575B	OPER & SERV NOTE	FEB78 15575-90000	AUG80 15575-90025 8L 01 14 01	I/U/A-U
		MAN CHANGE	JUN79 15575-90000	있는 이 경기에 있는데 한다면 생각하는 것이 되었다. 사람들 사람들에 가장 그런 그런 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그런 것이 없는 것이 없는 것이 할 수 있는데 한국을 들어 보고 있다. 전에 가장 보는 것이 되었다. 그런 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 는 것이 되었다. 그는 것이 되었다. 것이 되었다. 것이 되었다. 그런 것이 되었다.	1707A-00
	15575C	OPER & SERV NOTE MAN CHANGE	FEB78 15575-90000 JUN79 15575-90000	AUG80 15575-90025 8L 01 14 01	1707A-00
ELERATOR CONN	15575D	OPER & SERV NOTE MAN CHANGE	FEB78 15575-90000 JUN79 05575-90000	AUG80 15575-90025 8L 01 14 01	1707A-01 1707A-02
	15575E	OPER & SERV NOTE	FEB78 15575-90000	AUG80 15575-90025 8L 01 14 01	
PAGE 48		O LITERATURE C TYPE	H/C H/C PART DATE NUMBER	FICHE FICHE PART M P D P DATE NUMBER L T V G	MODEL
RIPTION ***	15575É	MAN CHANGE	*** DESCRIPTI JUN79 15575-90000	ON *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** AUG80 15575-90025 8L 01 14 01	
	15575F	OPER & SERV NOTE MAN CHANGE	FEB78 15575-90000 JUN79 15575-90000	AUG80 15575-90025 8L 01 14 01 AUG80 15575-90025 8L 01 14 01	1707В
	15575G	OPER & SERV NOTE Man Change	FEB78 15575-90000	AUG80 15575-90025 8L 01 14 01	
	15575H	MAN CHANGE OPER & SERV NOTE MAN CHANGE	JUN79 15575-90000 FEB78 15575-90000 JUN79 15575-90000	AUG80 15575-90025 8L 01 14 01	
	15578A	OPER & SERV NOTE	FEB78 15578-90000	MAR78 15578-90025 8L 01 14 01	1707B-H60
	15578A-001	OPER & SERV NOTE	FEB78 15578-90000	MAR78 15578-90025 8L 01 14 01	
	15578A-002	OPER & SERV NOTE	FEB78 15578-90000	MAR78 15578-90025 8L 01 14 01	1707B - 020
	15578A-004	OPER & SERV NOTE	FEB78 15578-90000	MAR78 15578-90025 8L 01 14 01	1707B-300
	15578A-005	OPER & SERV NOTE	FEB78 15578-90000	MAR78 15578-90025 8L 01 14 01	
ELERATOR CONN	155788	OPER & SERV NOTE MAN CHANGE	JAN80 15578-90001 MAR80 15578-90001	AUG80 15578-90026 8L 01 14 01	17090Å
COVERED	15578B-001	OPER & SERV NOTE MAN CHANGE	JAN80 15578-90001 MAR80 15578-90001	AUG80 15578-90026 8L 01 14 01	1710A
ELERATOR CONN	15578B-002	OPER & SERV NOTE MAN CHANGE	JAN80 15578-90001 MAR80 15578-90001	AUG80 15578-90026 8L 01 14 01	
	15578B-004	OPER & SERV NOTE MAN CHANGE	JAN80 15578-90001 MAR80 15578-90001	AUG80 15578-90026 8L 01 14 01	
	155788-005	OPER & SERV NOTE Man Change	JAN80 15578-90001 MAR80 15578-90001	AUG80 15578-90026 8L 01 14 01	17108
	15580A	OPER & SERV NOTE Man Change	NOV76 15580-90000 MAY80 15580-90000	MAY82 15580-90025 8L 01 14 01	
	15580A-001	OPER & SERV NOTE	NOV76 15580-90000 JUL77 15580-90000	MAY82 15580-90025 8L 01 14 01	
FLOW	15580A-002	OPER & SERV NOTE Man Change	NOV76 15580-90000 JUL77 15580-90000	MAY82 15580-90025 BL 01 14 01	
ELOW	15580A-003	OPER & SERV NOTE MAN CHANGE	NOV76 15580-90000 JUL77 15580-90000	MAY82 15580-90025 8L 01 14 01	
	15580A-004	OPER & SERV NOTE	NOV76 15580-90000	MAY82 15580-90025 8L 01 14 01	
BOVE	15589A-005	MAN CHANGE OPER & SERV NOTE	JUL77 15580-90000 NOV76 15580-90000	MAY82 15580-90025 8L 01 14 01	
ELOW	15581A	MAN CHANGE OPER & SERV NOTE	JUL77 15580-90000 NOV76 15581-90000	JUL77 15581-90025 8L 01 14 01	17106A
PAGE 49		O LITERATURE C TYPE	H/C H/C PART Date Number	PAGE FICHE FICHE PART M P D P DATE NUMBER L T V G	MODEL N. Ser

15575A

OPER & SERV NOTE MAN CHANGE

FEB78 15575-90000

JUN79 15575-90000

AUG80 15575-90025 8L 01 14 01

1707A-005

10F(\ 13300_A0000 15580A-003 NOV76 15580-90000 JUL77 15580-90000 OPER & SERV NOTE MAY82 15580-90025 8L 01 14 01 MAN CHANGE 15580A-004 OPER & SERV NOTE NOV76 15580-90000 MAY82 15580-90025 8L 01 14 01 JUL77 15580-90000 MAN CHANGE 15580A-005 OPER & SERV NOTE NOV76 15580-90000 MAY82 15580-90025 8L 01 14 01 MAN CHANGE JUL77 15580-90000 15581A OPER & SERV NOTE NOV76 15581-90000 JUL77 15581-90025 8L 01 14 01

17106A

PAGE 49 ION ***	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON *** [FICHE PART NUMBER ESCRIPTION ==	L	7	D P V G Ription *** Description	PAGE 64 *** DESCRIPTION ***
	15581A-001	OPER & SERV NOTE	NOV76	15581-90000		15581-90025				
	15581A-002	OPER & SERV NOTE		15581-90000		15581-90025				
	15581A-003	OPER & SERV NOTE		15581-90000		15581-90025			그 네티워 연극 걸려는 나라가 되었다.	
	15581A-004	OPER & SERV NOTE		15581-90000		15581-90025	a (Tin			
- 3	15581A-005	OPER & SERV NOTE		15581-90000	불다 보네	15581-90025				경에 인크로 보는 아침, 12 중에 있는 이름. 경우, 2 중을 받는 것 같습니다.
	155818	OPER & SERV NOTE		15581-90001		15581-90026	tive or		물로로 내용한 물론들은 기계에	
	15581B-C01	OPER & SERV NOTE	FEB78	15581-90001		15581-90026				
	15581B-002	OPER & SERV NOTE	FEB78	15581-90001		15581-90026			[발문] 전 보통하면 보일하고 하는데요	
	155818-003	OPER & SERV NOTE	FEB78	15581-90001		15581-90026				
JUSTMENT	155818-004	OPER & SERV NOTE	FEB78	15581-90001	MAR78	15581-90026	8L	01	14 01	
ERSISTANCE ILITY	15581B-005	OPER & SERV NOTE	FEB78	15581-90001		15581-90026				
ELIABILITY HAZZARD PPLY	15582A	OPER NOTE OPER NOTE		15582-90000 15582-90001	JUL77 OCT80	15582-90025* 15582-90026	8L 8L	01 01	14 01 USE 15582A FICHE 14 01	15582-90026
	15585A	OPER NOTE MAN CHANGE		15585-90000 15585-90000	AUG80	15585-90025	8L	01	14 01	
	15587A	OPER & SERV NOTE MAN CHANGE		15587-90000 15587-90000	AUG80	15587-90025	8L	01	14 01	
	15587A-001	OPER & SERV NOTE MAN CHANGE		15587-90000 15587-90000	089UA	15587-90025	8 L	01 '	14 01	
	15587A-002	OPER & SERV NOTE MAN CHANGE		15587-90000 15587-90000	AUG80	15587-90025	8L	01	14 01	
	15587A-003	OPER & SERV NOTE MAN CHANGE		15587-90000 15587-90000	AUG80	15587-90025	8L	01	14 01	
83 T BED	15587A-004	OPER & SERV NOTE Man Change		15587-90000 15587-90000	AUG80	15587-90025	8L	01 1	1.4 01	
T REPL	15587A-005	OPER & SERV NOTE MAN CHANGE		15587-90000 15587-90000	AUG80	15587-90025	8L	01 '	14 01	
	15588A	OPER & SERV NOTE Man Change		15588-90000 15588-90000	AUG80	15588-90025	8L	01 '	14 01	
	15588A-001	OPER & SERV NOTE MAN CHANGE		15588-90000 15588-90000	AUG80	15588-90025	8L	01	14 01	
	15588A-002	OPER & SERV NOTE MAN CHANGE		15588-90000 15588-90000	AUG80	15588-90025	8L	01 '	14 01	

11/08/85 MODEL NUMBER 17107A 17108A 17108AM 1712A

1715A

1715A-005

17170A 17171A

17172A

PAGE 50

PTION ***

LOW

OVE

LON

11/08/85 MODEL PAGE 65 0 LITERATURE H/C PART NUMBER FICHE PART M P D P NUMBER L T V G H/C FICHE NUMBER TYPE DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

11/08/85 MODEL NUMBER

		MAN CHANGE	MAR80 15587-90000		OL U. IA UI		
	15588A	OPER & SERV NOTE MAN CHANGE	FEB78 15588-90000 MAR80 15588-90000	AUG80 15588-90025	8L 01 14 01		
	15588A-001	OPER & SERV NOTE MAN CHANGE	FEB78 15588-90000 MAR80 15588-90000	AUG80 15588-90025	8L 01 14 01		
	15588A-002	OPER & SERV NOTE MAN CHANGE	FEB78 15588-90000 MAR80 15588-90000	AUG80 15588-90025	8L 01 14 01		
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PAGE 50 N ***	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART Number *** Description	FICHE DATE V ***	NUMBER	L	T	V	G	1 **	► DESC	RIPTI	ON ***	DESCRIPT	PAGE 65
OR CONN	15588A-004	OPER & SERV NOTE Man Change	FEB78 1	5588-90000 5588-90000		15588-90025										
	15588A-005	OPER & SERV NOTE MAN CHANGE	and the second of the second o	5588-90000 5588-90000	AUG80	15588-90025	8 L	01	14	D 1						
	15589A	OPER NOTE	APR77 1	5589-90000	JUL77	15589-90025	8L	01	14 (01					a a di spirali. Ny INSEE dia mampia	
	15590A	OPER NOTE MAN CHANGE		5590-90000 5590-90000	VA PAR	15590-90025	8L	01	14 (D1						
	15591A	OPER NOTE	MAY76 1	5591-90000	JUL77	15591-90025	8L	01	14	01						
	15592A	OPER NOTE	MAY76 1	5592-90000	JUL77	15592-90025	8L	01	14 (01						
	15593A	GPER NOTE	MAY76 1	5593-90000	JUL77	15593-90025	8L	01	14	01						
	15600A	OPER NOTE OPER NOTE OPER NOTE	NOV80 1	5600-90000 5600-90001 5600-90002	FEB81	15600-90025* 15600-90026* 15600-90027	8L	01	14	01 L	JSE JSE	15600 <i>/</i> 15600 <i>/</i>	\ FICH	E 15600 E 15600	-90026 -90027	
	15601A	OPER NOTE OPER NOTE OPER NOTE	NOV80 1	5600-90000 5600-90001 5600-90002	FEB81	15600-90025* 15600-90026* 15600-90027	8L	01	14	01 L	JSE JSE	15601 <i>/</i> 15601 <i>/</i>	FICH	E 15600 E 15600	-90026 -90027	
	15602A	OPER NOTE OPER NOTE OPER NOTE	NOV80 1	5600-90000 5600-90001 5600-90002	AUG80 FEB81	15600-90025* 15600-90026* 15600-90027	8L 8L	01 01	14 (14 (01 L 01 L	JSE JSE	15602 <i>/</i> 15602 <i>/</i>	FICH	E 15600	-90026 -90027	
	15603A	OPER NOTE OPER NOTE OPER NOTE	NOV8D 1	5600-90000 5600-90001 5600-90002	FEB81	15600-90025* 15600-90026* 15600-90027	8L	01	14	01 L	JSE JSE	15603 <i>/</i> 15603 <i>/</i>	\ FICH	E 15600 E 15600	-90026 -90027	
	15609A	OPER NOTE	JUN80 1	5609-90000		15609-90025		Jail,	19.7							
OR CONN	1580A	OPER & SERV MAN MAN CHANGE		1580-90901 1580-90901		01580-90801			08 (1.5%						
	160A	OPER INSCTRUC OPER & SERV MAN	APR63 5 MAR60 1	950-1664 60 A- 901		5950-1927 160A-801	8L		21 08							
	160B	OPER & SERV MAN MAN CHANGE MAN SUPP		608-900 608-900 608-900	NOV75	1608-800	8L	01	08 (D3						
	160 8 -H02	OPER & SERV MAN MAN CHANGE MAN SUPP	JAN62 1 FEB65 1 JAN00 1	60B-900	NOV75	160B-800	8L	01	08 (03						
	1600	SERV NOTE SET BELOW 10230A/B-10231A/B-1 10230B-1 CONT'D	DEC74 W	N FIELD REPAIR O 10230B CLOCK HIGH LEVEL :	PROBE	UPER 1601A-2 Accessory.Moi) T() 1þ	(PR	LO L	.EVE	. THRE	SHOLD	RECOGN	ITION WI	

11/08/85 MODEL NUMBER 17172A 17173A 171744 17175A 17176A 17177A 17178A 1720A

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NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G

*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

1600A OPER & SERV MAN JUL76 D1600-90904 DEC76 D1600-90804* 8L 01 08 03 USE 1600A FICHE 01600-90805

OPER & SERV MAN JUN77 D1600-90905 MAP77 D1600-90805* 8L 01 08 03 USE 1400A FICHE 01600-90805

PAGE 51

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11/08/85 MODEL NUMBER 1722A 1608-H02 OPER & SERV MAN JAN62 160B-900 NOV75 160B-800 8L 01 08 03 MAN CHANGE FEB65 160B-900 MAN SUPP JAN00 160B-900 SERV NOTE SET BELOW

10230A/B-10231A/B-1 DEC74 WN FIELD REPAIR KIT.SUPER 1601A-2
10230B-1 FEB76 WO 10230B CLOCK PROBE ACCESSORY.MOD TO IMPR LO LEVEL THRESHOLD RECOGNITION WITH 1600 CONT'D HIGH LEVEL INPUT SIGNALS

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	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	P D T V ESCRI	G	N *** DESCRIPTION *** DESCRIPTI	PAGE 66 ON ***
600A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW	JAN77 JAN78 JUN78 JAN79 JUN80	01600-90904 01600-90905 01600-90906 01600-90907 01600-90908 01600-90910	MAR77 APR78 AUG78 MAR79 SEP80 JAN82	01600-90805* 01600-90806* 01600-90807*	8L (8L (8L (01 08 01 08 01 08 01 08	03 03 03 03	USE 1600A FICHE 01600-90805 USE 1600A FICHE 01600-90806 USE 1600A FICHE 01600-90807 USE 1600A FICHE 01600-90808 USE 1600A FICHE 01600-90810	
	1600A-1 1600A-2 1600A-3	APR77 MAY77 DEC79	WN SERV NOTE IN WO SER 1631A030 WO SER 1631A.PRI WO SER 1714A050 WN SER 2009A056	15 & B EFERRE 04 & B	D REPLMENT FOR ELOW.MOD TO PR	A8L	J 4 Nt in	CORRI	ECT DATA STORAGE INTO "B" TABLE	
600A-580	OPER & SERV MAN OPER & SERV MAN	JAN78 JUN78 JAN79	01600-90905 01600-90906 01600-90907 01600-90908 01600-90910	APR78 AUG78 MAR79	01600-90806* 01600-90807*	8L (8L (01 08 01 08 01 08	03 I 03 I 03 I	USE 1600A-580 FICHE 01600-90806 USE 1600A-580 FICHE 01600-90307 USE 1600A-580 FICHE 01600-90808 USE 1600A-580 FICHE 01600-90810	
6005A	OPER NOTE	NOV83	16005-90000	JAN84	16005-90050	8L ()1 33	01		
6008A	OPER NOTE OPER NOTE OPER NOTE SERV NOTE SET BELOW 16008A-1	APR79	16008-99000 16008-99001 16008-90001 ILLUSTRATED I	AUG79 APR83 MAY78	16008-99050* 16008-99051* 16008-90051	8L (31 33	01 (USE 16008A FICHE 16008-99051 USE 16008A FICHE 16008-90051	
601A	OPER & SERV MAN MAN CHANGE	FEB74 FEB75	01601-90903 01601-90903	SEP85	01601-90803	8L () 1 B2	02		
601A/L	SERV NOTE SET BELOW 10230A/B-10231A/B-1 10230B-1 CONT'D 1601A-1	FEB76	WN FIELD REPAIR WO 10230B CLOCK HIGH LEVEL WO SER 1338A + I	PROBE INPUT	UPER 1601A-2 Accessory.mod Signals		IMPR	LO I	LEVEL THRESHOLD RECOGNITION WIT	
602A			01602-90902 01602-90904	MAR78 FEB79	01602-90802* 01602-90804	8L (01 08 01 D2	02 I 02	USE 1602A FICHE 01602-90864	
6021A	OPER NOTE	NOV74	16021-99000	SEP85	16021-99050	8L ()1 33	01		
6022 A			16022-99000 16022-90001		16022-99050* 16022-90051)1 33)1 33	01 l 01	USE 16022A FICHE 16022-90051	
6023A			16023-90000 16023-99000		16023-90050 16023-99050					
60238	the same and the s	AUG80	16000-90000 16000-90001 16023-90010	SEP80	16000-90050* 16000-90051* 16023-90060	8L (11 33	01 (USE 16023B FICHE 16000-90051 USE 16023B FICHE 16023-90060	
6032A	OPER NOTE	MAR82	16032-99000 16032-90001 16032-90001	JAN75 MAR84	16032-99050* 16032-90051	8L ()1 33)1 33	01 l 01	USE 16032A FICHE 16032-90051	

11/08/85 MODEL NUMBER 1722A

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PAGE 52	11/08/85 MODEL	0	LITERATURE	H/C	H/C I	PART FICH	E FICHE PAR	OT M D	n b			PAGE	E 67
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	16033A		NOTE NOTE		16032-990 16032-900		5 16032-99050		33 01 USE	16033A FICH	E 16032-900	51	
			CHANGE		16032-90		4 16032-90051	l 8L 01	3 3 U1				

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1725A-H14

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 1. The state of	OPER NOTE OPER NOTE		16000-90001 SEP8	0 16000-90051* 3 16023-90060	8L 01	33 01	USE 1		
	OPER NOTE OPER NOTE	MAR82	16032-90001 MAR8	5 16032-99050* 4 16032-90051	01 BL 01	33 01 33 01	USE 1	6032A FICHE	16032-90051
	MAN CHANGE	DEC83	16032-90001						

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MODEL NUMBER		LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON ***	NUMBER	L	T	V	G	V **	* DESCR	IPTION	*** DESCRIPT	PAGE 67
6033A	OPER	NOTE NOTE CHANGE	MAR82	16032-99000 16032-90001 16032-90001	JAN75	16032-99050* 16032-90051		01	33	01 I	1.44				
6034B	OPER OPER	NOTE NOTE NOTE CHANGE	AUG80 DEC81	16000-90000 16000-90001 16034-90010 16034-90010	SEP80	16000-90050* 16000-90051* 16034-90060	8L	01	33	01	USE USE	16034B 16034B	FICHE FICHE	16000-90051 16034-90060	
6035A	OPER OPER	NOTE NOTE NOTE NOTE	AUG76 AUG77	16035-99000 16035-99001 16035-99002 16035-90003	JUL77 SEP77	16035-99050* 16035-99051* 16035-99052* 16035-90053	8L 8L	01 01	33 33	01 t	USE	16035A	FICHE	16035-99052	
16036A			FEB76 AUG77	16036-99000 16036-99001 16036-99002 16036-90002	JUL77 SEP77	16036-99052* 16036-99051* 16036-99052* 16036-90052	8L 8L	01 01	33 33	01 1	USE	16036A	FICHE	16036-99051 16036-99052 16036-90052	
16038A	OPER OPER	NOTE NOTE		16038-99000 16038-90001		16038-99050* 16038-90051		01 01	33 33	01 I 01	JSE	16038A	FICHE	16038-90051	
16039A	OPER	NOTE	NOV74	16039-99000	SEP85	16039-99050	8L	01	33	01					
16047A	OPER OPER	NOTE NOTE NOTE CHANGE	JAN83	16000-90000 16000-90001 16047-90000 16047-90000	SEP80	16000-90050* 16000-90051* 16047-90050	8L	01	33	01 1	USE USE	16047A 16047A	FICHE FICHE	16000-90051 16047-90050	
16047B	OPER OPER	NOTE NOTE NOTE CHANGE	AUG80 FEB81	16000-90000 16000-90001 16047-90010 16047-90010	SEP80	16000-90050* 16000-90051* 16047-90060	8L	01	33	01 1	JSE JSE	16047B 16047B	FICHE FICHE	16000-90051 16047-90060	
16047c	OPER OPER OPER MAN	NOTE	AUG80 MAR82	16000-90000 16000-90001 16047-90020 16047-90020	SEP80	16000-90050* 16000-90051* 16047-90070	8L	01	33	01 1	USE	16047C 16047C	FICHE FICHE	16000-90051 16047-90070	
16047D	OPER	NOTE	AUG85	16047-90300	NOV85	16047-90350	8L	01	33	01					
160 4 8A	OPER OPER OPER	NOTE	O89UA	16000-90000 16000-90001 16048-90000	SEP80	16000-90050* 16000-90051* 16048-90050	8L	01	33	01 (JSE JSE	16043A 16048A	FICHE FICHE	16000-90051 16048-90050	
160488	OPER OPER OPER	NOTE	O89UA	16000-90000 16000-90001 16048-90010	SEP80	16000-90050* 16000-90051* 16048-90060	8L	01	33	01 1	JSE JSE	16048B 16048B	FICHE FICHE	16000-90051 16048-90060	
6048C	0/ER	NOTE NOTE	AUG80 FEB81 OCT82	16000-90000 16000-90001 16048-90020 16048-90021 16048-90021	SEP80 MAR81	16000-90050* 16000-90051* 16048-90070* 16048-90071	8L 8L	01 01	33 33	01 l 01 l	JSE	16048C	FICHE	16048-90070	

11/08/85 MODEL O LITERATURE NUMBER C TYPE	H/C H/C PART Date Number *** Descrip	DATE NUMBER	LTVG	PAGE 68 ** DESCRIPTION ***
16048D OPER NOTE	SEP83 16048-90030			
16053A OPER NOTE OPER NOTE	MAR80 04140-90100 MAR82 04140-90101		8L 01 33 01 USE 8L 01 33 01 FOR	16053A FICHE 04140-90151 MOD 4140A/B PA/DC VOLTAGE SOURCE

11/08/85 MODEL O NUMBER C

10U43C	OPER NOTE OPER NOTE OPER NOTE OPER NOTE MAN CHANGE	AUG80 FEB81 OCT82	16000-90001 S 16048-90020 M	MAY80 16000-90050* SEP80 16000-90051* MAR81 16048-90070* NOV83 16048-90071	8L 01 33 (D1 USE	16048C FICHE 16	048-99070	

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11/08/85 MODEL MUMBTIR	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE 1 ***	NUMBER	L	T	V	G)N *1	** DESCRIPTIO	N *** DESCRIP	PAGE 68
16048D	OPER NOTE	SEP83	16048-90030		16048-90080								
16053A	OPER NOTE OPER NOTE		04140-90100 04140-90101	MAY80 MAR83	04140-90150* 04140-90151	8L 8L	01 01	33 33	01 01	USE FOR	16053A FICHE MOD 4140A/B	04140-90151 PA/DC VOLTAGE	SOURCE
16054A	OPER NOTE OPER NOTE		04140-90100 04140-90101	MAY80 MAR83	04140-90150* 04140-90151	8L 8L	01 01	33 33	01 01	USE FOR	16054A FICHE MOD 4140A/B	04140-90151 PA/DC VOLTAGE	SOURCE
16055A	OPER NOTE OPER NOTE		04140-90100 04140-90101	MAY80 MAR83	04140-90150* 04140-90151	8L 8L	01 01	33 33	01 01	USE FOR	16055A FICHE MOD 4140A/B	04140-90151 PA/DC VOLTAGE	SOURCE
16056A	OPER NOTE OPER NOTE		04140-90100 04140-90101	MAY80 MAR83	04140-90150* 04140-90151	8L 8L	01 01	33 33	01 01	USE FOR	16056A FICHE MOD 4140A/B	04140-90151 PA/DC VOLTAGE	SOURCE
16057A	OPER NOTE OPER NOTE MAN CHANGE	APR81	16057-90000 16057-90001 16057-90001	MAY80	16057-90050* 16057-90051	8L	01	33	01			많이 그렇게 그 뭐요?	
16058A	OPER NOTE	MAR82	16058-90000	APR83	16058-90050	8L	01	33	01				
16059A	OPER NOTE	JUL85	16059-90000	N0V85	16059-90050	8L	01	33	01				
16064A	OPER NOTE Man Change		16064-90000 16064-90000	JAN83	16064-90050	8L.	01	33	01				
16065A	OPER NOTE	SEP82	16065-90000	NOV82	16065-90050	8L	01	33	01				
16066A	OPER NOTE Man Change		16066-90000 016066-90000	JUN84	16066-90050	8L	01	33	01				
16067A	OPER NOTE MAN CHANGE		16067-90000 016067-90000	JUN84	16067-90050	8L	01	33	01				
16068A	OPER NOTE Man Change		16068-90000 016068-90000	JUN84	16068-90050	8L	01	33	01				
16069A	OPER NOTE MAN CHANGE		16069-90000 016069-90000	JUN84	16069-90050	8L	01	33	01				
1607A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JAN78 JUN78 MAY79 NOV80 JAN81	01607-90905	APR78 AUG78 JUN79 JUN81	01607-90803* 01607-90804* 01607-90805* 01607-90806* 01607-90807	8L 8L 8L	01 01 01	80 80 80	03 03 03	USE	1607A FICHE	01607-90805 01607-90806	
	SERV NOTE SET BELOW 10230A/B-10231A/B-1 10230B-1 CONT'D 1607A-0	DEC74 FEB76	WN FEILD REPAIR WO 10230B CLOCK HIGH LEVEL I WN SERV NOTE IND	PROBE NPUT	UPER 1601A-2 Accessory.moi) T(II 0	1PR	LO	LEVI	EL THRESHOLD	RECOGNITION W	ITH
	1607A-1 1607A-2	MAR76	WO ALL SER.PREF WN SER 2005A0408	FOR F	USES A3F2 + A3 ELOW.REC REPL	SF3 PR	DC I	FOR	IC	A1U	80		
1607 A- 580	OPER & SERV MAN MAN CHANGE	NOV8D	01607-90907 01607-90907		01607-90807							현 경험 등학자 경험 관련 강조 경험 경험 경험 기본 보고 있다. 기본 기본	

11/08/85 MODEL O NUMBER C	LITERATURE TYPE	H/C DATE	H/C PART FICH NUMBER DATE *** DESCRIPTION ***	NUMBER	LTV		SCRIPTION ***	PAGE 69 DESCRIPTION ***	
16070A	OPER NOTE MAN CHANGE		16070-90000 JUN8 016070-90000	4 16070-90050	8L 01 33 0	A			
16071A	OPER NOTE Man Change		16071-90000 JUNS	4 16071-90050	8L 01 33 9				

11/08/85 MODEL NUMBER 1741A-003

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	1607A-1 1607A-2	MAR76 WO ALL SER.PREF OCT81 WN SER 2005A0408	FOR FUSES A3F2 + A3F3 6 & BELOW.REC REPL PROC FOR IC A1U80
1607A-580	OPER & SERV MAN MAN CHANGE	NOV8D 01607-90907 JAN81 01607-90907	JUN81 01607-90807 8L 01 D2 03

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MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE		FICHE DATE ON ***	NUMBER	L	T	D P V G IPTIO	PAGE 69 N *** DESCRIPTION *** DESCRIPTION ***
6070A		NOTE Change		16070-90000 016070-90000	JUN84	16070-90050	8L ()1 3	3 01	
16071A		NOTE Change		16071-90000 016071-90000	JUN84	16071-90050	8L ()1 3	3 01	
6072A	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NOTE CHANGE		16072-90000 016072-90000	JUN84	16072-90050	8L ()1 3	3 01	
l6074A		NOTE Change		16074-90000 16074-90000	MAY83	16074-90050	8L ()1 3	3 01	
16075A	OPER	NOTE	JAN84	16075-90000	APR84	16075-90050	8L (1 3	3 01	
16076A	OPER	NOTE	JAN84	16076-90000	APR84	16076-90050	8L ()1 3	3 01	그리고 한 경험 경험 등 경험 그렇게 되었다. 그는 그들은 그런
6077A	The state of the s	NOTE CHANGE		16077-90000 016077-90000	JUN84	16077-90050	8L (1 3	3 01	
6079A	OPER	NOTE	NOV84	16079-90000	FEB85	16079-90050	8L ()1 3	3 01	
6080A	OPER	NOTE	JUL83	16080-90000	SEP83	16080-90050	8L (1 3	3 01	
6081A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NOTE CHANGE		16081-90000 16081-90000	SEP84	16081-90050	8L (1 3	3 01	
6082A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NOTE CHANGE		16082-90000 16082-90000	SEP84	16082-90050	8L (1 3	3 01	
6083A		NOTE CHANGE		16083-90000 016083-90000	JUN84	16083-90050	8L (1 3	3 01	
6084A		NOTE Note set below 14-1		16084-90000 WN ALL SER.DC	JAN85			1 3	3 01	
6085A	OPER	NOTE	AUG85	16085-90000	NOV85	16085-90050	8L (1 3	3 01	[일요] 이 교회 (일요] 이번 그는 어때 보고 이 전환이는 경기를 받았다. 이 경기 이 기계 되었다. 사용성이 한 경기 등은 경기 기계
A080A	OPER	NOTE	AUG85	16086-90000	NOV85	16086-90050	8L (1 3	3 01	
6091A		NOTE CHANGE		16091-90000 16091-90000	APR83	16091-90050	8L (1 3	3 01	
6092A		NOTE HANGE		16092-90000 16092-90000	JUN84	16092-90050	8L (1 3	3 01	
6093A		NOTE Hange		16093-90000 16093-90000	APR83	16093-90050	8L (1 3	3 01	
6093B	The second secon	NOTE CHANGE		16093-90010 16093-90010	MAR82	16093-90060	8L (1 3	3 01	
6094A		NOTE Change		16094-90000 16094-90000	APR83	16094-90050	8L (1 3	3 01	경우하는 사람들은 회원들은 한 경우하는 사람들이 있는 회수 보통 방법을 받 보통 보통 기본 등 경우는 기본 기본 등 기본 등 보통 기본 기본 기본 기본 기본

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		OPER NOTE		16095-90001	APR83			01 33						
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.095A	OPER NOTE OPER NOTE	FEB81 16095-90000 MAR81 16095-90050* 8L 01 33 01 USE 16095A FICHE 16095-90051 MAR82 16095-90001 APR83 16095-90051 8L 01 33 01	
096A	OPER NOTE Man Change	MAY82 16096-90000 NOV84 16096-90050 8L 01 33 01 JUL84 16096-90000	
097A	OPER NOTE Man Change	APR82 16097-90000 MAY85 16097-90050 8L 01 33 01 MAR85 16097-90000	
099A	OPER NOTE	OCT81 16099-90000 NOV81 16099-90050 8L 01 33 01	
TOA	OPER & SERV MAN MAN CHANGE OPER & SERV MAN SERV MAN OPER GUIDE INSTALL INSTRUCT SERV MAN SERV NOTE SET BELOW 1610A-1 1610A-2 1610A-3A 1610A-5 1610A-6 1610A-7 1610A-8 1610A-9 1610A-10 1610A-11 1610A-12 1610A-13	JUL78 01610-90904 OCT78 01610-90804 8L 01 D2 03 SERIAL NOS PFXED BELOW 1940A SEP78 01610-90904 NOV79 01610-90910 SEP80 01610-90810* 8L 01 08 04 USE 1610A FICHE 01610-90814 JUN80 01610-90914 FEB81 01610-90814* 8L 01 D2 04 USE 1610A FICHE 01610-90821 JUN80 01610-90916 OCT80 01610-90816 8L 01 D2 02 JAN00 01610-90917 NOV81 01610-90821 8L 01 D2 01 AUG81 01610-90921 SEP81 01610-90821 8L 01 D2 04 SERIAL NO PFXED 2134A & ABOVE JAN82 NO SER BELOW 00350.MOD TO PREVENT A9Q3 FAILURE (PREF REPL FOR A9U4) JUL78 NO SER 1733A & BELOW.PREF REPL FOR A10 PWR SUPPLY BD OCT78 WO SER 1733A & BELOW & 01610-63005 SER BELOW 1806A01040.MOD TO PREVENT FUSE FAI SEP78 WO MOD TO DISPLAY BD TO IMPROVE PERF. DEC78 WN ALL SER.LOW VOLTAGE PWR SUPPLY TROUBLESHOOTING. JAN80 WO SER 1836A01319 & BELOW.MOD TO IMPROVE REL JAN80 WO SER 1940A01704 TO 1940A01764.MOD TO IMPROVE REL JAN80 WO SER 1940A01854 & BELOW.MOD TO ADD MORE BEEPS DURING 1610A POWER UP SEP80 WA SER 1940A01854 & BELOW.MOD TO ADD MORE BEEPS DURING 1610A POWER UP SEP80 WA SER 1940A.REC ROM REPL KITS IN EVENT OF ROM FAILURE OCT81 WA SER 2134A02062 TO 2134A02071.REC MOD TO CORRECT SPURIOUS SIGNALS	LURES.
10A-003	OP & SERV MAN SUPP OP & SERV MAN SUPP	DEC78 01610-90906 FEB79 01310-90806* 8L 01 08 01 USE 1610A-003 FICHE 01610-90818 AUG80 01610-90918 JUN81 01610-90818 8L 01 D2 02	
10B	OPER & SERV MAN OPER & SERV MAN SERV MAN OPER GUIDE INSTALL INSTRUCT SERV MAN MAN CHANGE SERV NOTE SET BELOW 1610B-1 1610B-2	JUL79 01610-90907 AUG79 01610-90807* 8L 01 08 03 USE 1610B FICHE 01610-90813 MAR80 01610-90913 OCT80 01610-90813* 8L 01 D2 04 USE 1610B FICHE 01610-90515 JUN80 01610-90915 FEB81 01610-90815* 8L 01 D2 04 USE 1610B FICHE 01610-90822 JNA00 01610-90916 OCT80 01610-90816 8L 01 D2 02 JNA00 01610-90917 NOV81 01610-90817 8L 01 D2 01 MAR81 01610-90922 AUG82 01610-90822 8L 01 D2 04 JUN82 01610-90922 JAN82 JAN82 JAN80 WO SER 1940A00446 & BELOW.MOD TO ADD MORE BEEPS DURING 1610B POWER UP SEP80 WO SER 1940A & BELOW.REC ROM REPL KIT IN EVENT OF ROM FAILURE.	
	1610B-3	OCT81 WA SER 2111A00954 TO 2111A01164.REC MOD TO CORRECT SPURIOUS SIGNALS	
108-003	OP & SERV MAN SUPP	MAR79 01610-90908 JUN79 01610-90808 8L 01 D2 01	
118	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV MAN	FEB77 01611-90903 MAR77 01611-90803* 8L 01 08 02 USE 1611A FICHE 01611-90805 APR78 01611-90905 OCT78 01611-90805* 8L 01 08 03 USE 1611A FICHE 01611-90808 MAY79 01611-90908 JUN80 01611-90808* 8L 01 D2 03 USE 1611A FICHE 01611-90809 JUL80 01611-90909 OCT82 01611-90809 8L 01 D2 03	

11/08/85 MODEL O NUMBER C	LITERATURE TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1611A	1611A-2 1611A-3 1611A-4 1611A-5	AUG82 015:1-90909 OCT82 01611-90809 8L 01 D2 03 APR83 AUG77 WO SER 1635A00506 & BELOW.IMPROVED RELIABILITY MOD OF A3U6 (1820-1796) AUG77 WO SER 173A00565 & BELOW.MOD TO PREVENT BOTTOM COVER FROM SHORTING POWER SUPPLY JUL77 WO SER 1635A & BELOW. FUSE CHANGE TO PREVENT +5 VOLT SUPPLY FUSE FAILURE JUL77 WO SER 1723A00590 & BELOW.POWER SUPPLY CURRENT LIMIT MOD DEC77 WO SER BELOW 1723A00696.TRACE POINT OUTPUT CORRECTION DEC77 WO SER BELOW 1723A00700.MOD TO CORRECT RANDOM INCORRECT TRIGGERING

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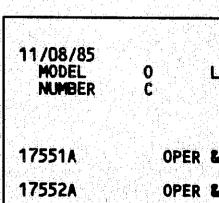
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611A	MAN CHANGE SERV NOTE SET BELOW	AUG82 01511-90909 0CT82 01611-90809 8L 01 D2 D3
	1611A-1 1611A-2 1611A-3 1611A-4 1611A-5 1611A-6 1611A-7-8 1611A-8B 1611A-9 1611A-10 10258B-1 10260A-1 10264A-1 10266A-1	APR83 AUG77 WO SER 1635A00536 & BELOW.IMPROVED RELIABILITY MOD OF A3U6 (1820-1796) AUG77 WO SER 173A00565 & BELOW.MOD TO PREVENT BOTTOM COVER FROM SHORTING POWER SUPPLY JUL77 WO SER 1635A & BELOW. FUSE CHANGE TO PREVENT +5 VOLT SUPPLY FUSE FAILURE JUL77 WO SER 1723A00590 & BELOW.POWER SUPPLY CURRENT LIMIT MOD DEC77 WO SER BELOW 1723A00696.TRACE POINT OUTPUT CORRECTION DEC77 WO SER BELOW 1723A00700.MOD TO CORRECT RANDOM INCORRECT TRIGGERING AUG78 WO SAFETY.SER 1723A00927 & BELOW.MOD TO PREVENT PWR SOCKET SHOCK HAZARD MAY80 WO SER 1837A02232 & BELOW.MOD TO ELIM BRIGHT SPOT ON CRT AFTER TURN OFF APR79 WO ALL SER.PREF CABLE REPL FOR MICROPROCESSOR PROBE & EXT PROBE SEP81 WA SER 2017A03322 & BELOW.REC REPL FLYBACK TRANSFORMER MAY78 WO REC MOD TO "TRACE-THEN-WAIT/HOLD" TEST MODE FOR 1611A OPT A80 NOV82 WA SER 1838A00864 & BELOW.MOD TO CORRECT PEXCK TIMING PROB DEC78 WA SER 1838A00511 & BELOW.MOD TO 10262A PERSONALITY MODULE FOR INPUT SIG THRESHOLD DECT JUL79 WO SER 1837A01706 & BELOW.MOD TO PREVENT RANDOMLY INCORRECT TRIGGERING. JUN82 WA SER 2227A & BELOW.OPT A09.NEW A9 PERSONAL BD TO CORREC SYNC
611A-A65	OPER/SERV MAN SUPP	OCT78 10261-90902 JAN79 10261-90802 8L 01 D2 02
611A-0F8	OPER/SERV MAN SUPP	NOV78 10259-90901 JAN79 10259-90801 BL 01 D2 02
611A-068	OP & SERV MAN SUPP	JAN77 10257-90901 MAR77 10257-90801 BL 01 D2 01
611A-080	OP & SERV MAN SUPP	FEB77 10258-90901 MAR77 10258-9 1 8L 01 D2 01
615A	1615A-1 1615A-2 1615A-3	OCT79 01615-90904 JUN8O 01615-90804* 8L 01 08 04 USE 1615A FICHE 01615-90805 SEP8O 01615-90905 MAR83 01615-90805 8L 01 D2 04 DEC82 01615-90905 JAN82 SEP81 WN SERV NOTE INDEX OCT78 WO SAFETY.SER 1825A00626 & BELOW.ELIM OF POWER LINE SCCKET SHOCK HZRD. FEB79 WN SER BELOW 1905A-1750.REC MOD TO ELIM BRIGHT SPOT ON CRT AFTER TURN OFF MAR8O WO SER 1937A03487 & BELOW.MOD TO ELIM BRIGHT SPOT ON CRT AFTER TURN OFF MAY8O WO SER 1937A03487 & BELOW.ELIM BRIGHT SPOT ON CRT AFTER TURN OFF MAY8O WO SER 2032A05185 & BELOW.ELIM BRIGHT SPOT ON CRT AFTER TURN OFF OCT80 WO SER 2032A06259 & BELOW.CORR MEASURES FOR DIPLAY JITTER SEP81 WA SER 2032A06259 & BELOW.REC REPL FLYBACK TRANSFORMER
615A-001	OP & SERV MAN SUPP OP & SERV MAN SUPP	DEC78 01615-90902 FEB79 01615-90802* 8L 01 08 01 USE 1615A-001 FICHE 01615-90803 JUL79 01615-90903 AUG79 01615-90803 8L 01 D2 01
615A/9835-1	INTROD OPER GUIDE	OCT80 01615-90907 FEB81 01615-90807 8L 01 D2 01
52A	OPER & SERV MAN SERV NOTE SET BELOW 162A-1	MAR60 160A-901 APR71 160A-801 01 08 03 May78 Jul65 Repl transistor kit
62B	OPER & SERV MAN	MAR63 1628-901 SEP71 1628-801 01 08 01
62B-H02	OPER & SERV MAN	MAR63 1628-901 SEP71 1628-801 01 08 01
62C	OPER & SERV MAN MAN CHANGE	DEC65 1708-901 MAR71 1708-801 01 08 05 MAY68 1708-901
		,我们就是这一个大大的,我们就是我的,我就会被我们的,我们就是这一个大家的,我们就会被他的人,我们就会说到这个人的人,我们的人,我们的人,我们的人,我们就会会

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17504A	OPER
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17505A	OPER
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162D-H02	OPER & SERV MAN	JAN00 162D-900	AUG81 5951-6279	8L 01 08 01		
162F	OPER & SERV MAN Man Change	NOV61 10 F-900 MAR63 02F-900	AUG81 162F-950	8L 01 08 01		
1620A	OPER & SERV MAN	MAY75 01620-90903	JUL75 01620-90803	8L 01 08 02		
16292A	OPER NOTE	OCT84 16292-90000	FE885 16292-90050	8L 01 33 01		



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August A	11/08/85 Model Number	0 LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON ***	NUMBER	L	T	V	PAGE 72 P G PTION *** DESCRIPTION *** DESCRIPTION ***
MAN CHANGE	162D-H02	OPER & SERV MAN	JANOO	16_ 3- 900	AUG81	5951-6279	8L	01	80	
Accepted Oper Note Octal 16292-9000 Febbs 16292-9005 8L 01 33 01	162F				AUG81	162F - 950	8L	01	80	01
OPER NOTE OCT84 16292-90007 FEB85 16292-90051 BL 01 33 01	1620A	OPER & SERV MAN	MAY75	01620-90903	JUL75	01620-90803	8L	01	08	02
6293A OPER NOTE OCT84 16293-90000 DEC84 16293-90050 &L 01 33 01 630A SERV MAN JANBS 01630-90902 JUNBS 01630-90802* &L 01 02 06 USE 1630A FICHE 01630-90810 JUNBS 01630-90910 SEP94 01630-90810 &L 01 08 06 650A/D SERV NOTE SET BELOM 1630A/D-0 HAYBS M SERVICE NOTE INDEX 1030A/D-1 1630A/D-1	16292A	OPER NOTE	OCT84	16292-90000	FEB85	16292-90050	8L	01	33	01
SERV MAN	16292B	OPER NGTE	OCT84	16292-90001	FEB85	16292-90051	8L	01	33 (01
INSTALL MAN JAN83 01630-90903 APR83 01630-90810 BL 01 02 03 03 03 03 03 03 03	16293A	OPER NOTE	OCT84	16293-90000	DEC84	16293-90050	8L	01	33 (
1630A/D-0	1630A	INSTALL MAN	JAN83	01630-90903	APR83	01630-90803	8L	01	D2	
INSTALL MAN SERV MAN SERV MAN JUN84 01630-90903 APR83 01630-90803 8L 01 02 01 05 01 1050 1050 1050 1050 1050		1630A/D-0 1630A/D-1 1630A/D/G,1631A/D-1 CONT'D 1630A/D-2 CONT'D 1630A/D/G-4 CONT'D	MAY83 MAY83 FEB85 MAY83 MAY84	WA 1630A:SER 2 WA 1630A/D,163 RESET CIR 1 WA 1630A:SER 2 IMPR PREF WA 1630A:SER 2 BELOW.OVERW	E INDEX 311A002: 1A/D:SE 0 IMPRO 311A002: 311A008	31 & BELOW;16: R 2512 & BELOW V PERF 13 & BELOW;16: DB & BELOW;16:	W; 16 30D: 30D: Chai	:SER :SER	: SE 23 24	R 2513A & BELOW.CHANGE TO PWR-UP MASTER 1140769 & BELOW.200 MHZ OSCIL REWORK TO 12403410 & BELOW;1630G:SER 2415400171 AND
SERV NOTE SET BELOW 16306-2 1630A/D/G,1631A/D-1 1630A/D/G,1631A/D-1 1630A/D/G,1631A/D-1 1630A/D/G-4 CONT'D 1630G-5 3UN84 WA SER 2425A00508 & BELOW.PWR SUPLY PRIMARY CURRENT LIMIT MOD RESET CIR TO IMPROV PERF 1630A/D/G-4 CONT'D BELOW.OVERVOLTG PROTECT DESIGN CHANGE 1630G-5 3UN84 WA SER 2415A00280 & BELOW;1630D:SER 2412A03410 & BELOH;1630G:SER 2415A00171 AND BELOW.OVERVOLTG PROTECT DESIGN CHANGE 1630G-5 3UN84 WA SER 2415A00280 & BELOW(ALSO -00286, -00287, -00289).PROM REPL TO CORRECT FIRMWARE 631A OPER & PROG MAN MAR85 01631-90902 OCT85 1630A/D/G,1631A/D-1 1630A/D/G,1631A/D-1 1630A/D/G,1631A/D-1 1630A/D-1A MAY85 WA 1630A/D,1631A/D:SER 2512 & BELOW;1630G:SER 2513A & BELOW.CHANGE TO PWR-UP MASTER CONT'D RESET CIR TO IMPROV PERF 1630A/D-1A MAY85 WA 1631A:SER 2509A & BELOW;1631D:SER 2510A & BELOW.REC REPL TO CORREC FIRMWARE 631D OPER & PROG MAN MAR85 01631-90901 JUL85 01631-90801 BL 01 08 03 SERV MAN MAR85 01631-90902 OCT85 01631-90801 BL 01 08 03 SERV MAN MAR85 01631-90902 OCT85 01631-90801 BL 01 08 03	1630D	INSTALL MAN	JAN83	01630-90903	APR83	01630-90803	8L	01	D2 (
SERV MAN MAR85 01631-90902 0CT85 01331-90802 8L 01 08 06 MAN CHANGE MAY85 01631-90902 631A/D SERV NOTE SET BELOW 0CT85 1630A/D/G,1631A/D-1 FEB85 WA 1630A/D,1631A/D:SER 2512 & BELOW;1630G:SER 2513A & BELOW.CHANGE TO PWR-UP MASTER COM/T'D RESET CIR TO IMPROV PERF 1630A/D-1A MAY85 WA 1631A:SER 2509A & BELOW;1631D:SER 2510A & BELOW.REC REPL TO CORREC FIRMWARE 631D OPER & PROG MAN DEC84 01631-90901 JUL85 01631-90801 8L 01 08 03 SERV MAN MAR85 01631-90902 OCT85 01631-90802 8L 01 08 06	1630G	SERV NOTE SET BELOW 1630G-2 1630A/D/G,1631A/D-1 CONT'D 1630A/D/G-4 CONT'D	OCT84 FEB85 MAY84	WA SER 2425A00 WA 1630A/D,163 RESET CIR T WA 1630A:SER 2 BELOW.OVERV	JUL85 506 & Bi 1A/D:SEI 0 IMPRO 311A008 0LTG PR	ELOW.PWR SUPLY R 2512 & BELOW V PERF D8 & BELOW;163	Y PI W;10 30D:	RIMA 6306 SER	RY :: SE	CURRENT LIMIT MOD R 2513A & BELOW.CHANGE TO PWR-UP MASTER 12A03410 & BELOW;1630G:SER 2415A00171 AND
1630A/D/G,1631A/D-1 FEB85 WA 1630A/D,1631A/D:SER 2512 & BELOW;1630G:SER 2513A & BELOW.CHANGE TO PWR-UP MASTER COMT'D RESET CIR TO IMPROV PERF 1630A/D-1A MAY85 WA 1631A:SER 2509A & BELOW;1631D:SER 2510A & BELOW.REC REPL TO CORREC FIRMWARE 631D OPER & PROG MAN DEC84 01631-90901 JUL85 01631-90801 8L 01 08 03 SERV MAN MAR85 01631-90902 OCT85 01631-90802 8L 01 08 06	1631A	SERV MAN	MAR85	01631-90902	JUL85 OCT85	01631-90801 01531-90802	8L 8L	01 01	08 (08 (03 06
SERV MAN MAR85 01631-90902 OCT85 01631-90802 8L 01 08 06	631A/D	1630A/D/G,1631A/D-1 COMT'D	FEB85	RESET CIR T	1A/D:SE	R 2512 & BELON V PERF			300	그리는 그는 그리고 살을 하는 그리는 이 이번에는 사고를 가져가 먹는 것이 되었다. 그런
	1631D	OPER & PROG MAN SERV MAN	DEC84 MAR85	01631-90901 01631-90902	JUL85	01631-90801	8L	01	08 (

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16320A	INSTALL NOTE	JAN84	16320-90000	APR84	16320-90050	8L	01 :	33 01							
16321A	INSTALL NOTE	JAN84	16321-90000	APR84	16321-90050	8L	01 :	33 01							
16340A	OPER NOTE	MAR82	16340-90000	APR83	16340-90050	aL	01 :	33 O1							
16341A	SERV MAN	FEB82	16341-90000	APR83	16341-90050	8L	01 :	33 01							
16342A	USER'S GUIDE OPER NOTE MAN CHANGE	JAN81	16342-90000 16342-90010 16342-90010		16342-90050 16342-90060			53 01 53 01							

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16320A	INSTALL NOTE	JAN84	16320-90000		16320-90050			Safa		
16321A	INSTALL NOTE	JAN84	16321-90000	APR84	16321-90059	8L	01	33	01	
16340A	OPER NOTE	MAR82	16340-90000	APR83	16340-90050	3L	01	33	01	
16341A	SERV MAN	FEB82	16341-90000	APR83	16341-90050	8L	01	33	01	그 그리고 있다. 그런 그는 현재 선생님 보이고 하는 것인데? 전시 하고 있는 것이 되었습니다. 하는 경우 같습니다.
16342A	USER'S GUIDE OPER NOTE MAN CHANGE	JAN81	16342-90000 16342-90010 16342-90010			44.7		33 33	01 01	
16343A	OPER NOTE	APR81	16343-90000	MAY81	16343-90050	8L	01	33	01	100 (100 mm)
16344A	OPER NOTE	APR81	16344-90000	MAY81	16344-90050	8L	01	33	01	
16345A	OPER NOTE	DEC81	16345-90000	JAN82	16345-90050	8L	01	33	01	
16361A	OPER NOTE MAN CHANGE	J. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16361-90000 16361-90000	FEB81	16361-\$[3100	8L	01	33	01	
16362A	OPER NOTE MAN CHANGE		16361-90000 16361-90000	FEB81	16361-90050	8L	01	33	01	
16380A	CONNECTION GUIDE MAN CHANGE		16380-90000 16380-90000	DEC83	16380-90050	8L	01	33	01	
16380e	OPER NOTE	JUL84	16380-90100	NOV84	16380-90150	8 L	01	33	01	
16380c	OPER NOTE	JAN85	16380-90200	APR85	16380-90250	8 L	01	33	01	
16389A	OPER NOTE	FEB85	16389-90000	MAY85	16389-90050	8L	01	33	01	
163898	OPER NOTE	FEB85	16389-90100	MAY85	16389-90150	8L	01	33	01	
1640A	PRELIM SERV MAN CONVERSION INST SERV MAN SERV NOTE SET BELOW 1640A-1-S 1640A-2 1640A-3 1640A-4B 1640A-5 1640A-6 1640A-7	JANOO OCT81 OCT78 DEC78 DEC78 MAY80 MAR79 APR79	01640-90901 01640-90908 01640-90911 WO SER 1827A0029 WO SER 1835A0040 WO SER 1845A0119 WN SER 1845A0119 WN SER 1845A0054 WO PREF REPL FOR	JUL81 JUL84 JUL84 27A00 75 & B 12 & B 19 & B 15LOW.	01640-90808 01640-90811 315 & BELOW.EL ELOW.POWER SUF ELOW.REC REPL ELOW.MOD TO EL REC REPL PROC ELOW.REC REPL	BL BL IM FOI IM FOI	01 01 0F (C) (C) (R)	08 38 PO URR LAM IGH	01 1640 03 WER SOCK ENT LIMI PING DIC T SPOT C FACEPLAT	KET SHOCK HZRD. IT MOD. DDES ON A4 INTERFACE BD. DN CRT AFTER TURN OFF
	1640A-8A 1640A-9 1640A-10 1640A-11 1640A-12 1640A-13 1640A-14	JUN80 JUL80 SEP80 OCT80 FEB84	SER 1845A0112 WN ALL SER.1640/ WN ALL SER.MOD 1 WN SER 1827A & E WO ALL SER.REC P WN SER 1835A & E WN SER 1845A0120	3 & B TO M TO PRE BELOW. BELOW. BELOW.	ELOW.PREF XTAL ODEL 1640B CON VENT LATCH UP REC KEYBOARD F CRC OR SDLC (REC REPL FOR)	RIVEI ON EPI PTS	RSI + T S T RS	ON OR O I O I SY	KITS - 12V SU MPROVE F MPROVE F (01640-6	PERF PERF 36504)
1640B	OPER GUIDE	40000	01640-90905		01640-90805					되는 그리는 것은 하지요 그리를 받았다는 것은 그 생각이

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 74 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08/85 MODEL NUMBER	0 LITE C
1640B	MAN CHANGE SERV MAN SERV NOTE SET BELOW 1640B-1 1640B-2 1640B-3	MAY80 01640-90906 SEP80 01640-90806* 8L 01 08 02 USE 1640B FICHE 01640-90810 APR81 01640-90910 DEC81 01640-90810 8L 01 38 03 JUL81 01640-90910 JUL83 01640-90811 8L 01 38 03 OCT81 01640-90911 JUL83 01640-90811 8L 01 38 03 OCT83 JUL80 WN SER 2019A00294 & BELOW.MOD TO PREVENT LATCH UP ON + OR - 12V SUPPLIES OCT80 WO SER 2028A & BELOW.REC MOD TO CRC OR SDLC OPTS TO IMPROVE PERF NOV81 WA SER 2044A (SHIPPED 01JUN-01AUG81)POSS DEFECTIVE MATRIX PANEL SHORTING PINS JUL83 WO SER 2231A & BELOW.REC REPL MARTRIX BD ASSY	1801A	MAN CHANG OPER & SE MAN CHANG OPER & SE SERV NOTE 1801A-18 1801A-2 1801A-3
16408-001		JAN83 10281-90904 JUN83 10281-90804 8L 01 38 01 MAR83 10281-90905 SEP83 10281-90805 8L 01 D2 01	1801 F	1801A-5 1801A-68

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1640B	SERV MAN SERV MAN MAN CHANGE SERV MAN SERV NOTE SET BELOW	MAY80 01640-90906 APR81 01640-90910 JUL81 01640-90910 OCT81 01640-90911	JUL83 01640-90810 8L 01 3 JUL83 01640-90811 8L 01 3 OCT83	18 03
	1640B-1 1640B-2 1640B-3 1640B-4	NOV81 WA SER 2044A (BELOW.REC MOD TO CRC OR SDL	EFECTIVE MATRIX PANEL SHORTING PINS
1640B-001	INSTALL & SERV MAN Oper Guide	JAN83 10281-90904 MAR83 10281-90905	JUN83 10281-90804 8L 01 3 SEP83 10281-90805 8L 01 D	
16408/102908	INSTALL & SERV MAN Man Change	OCT80 10290-90901 FEB81 10290-90901	JUL81 10290-90801 8L 01 3	8 01 SEE TITLE PAGE FOR OPTIONS
16 45A	OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW	OCT76 01645-90905 MAR83 01645-90016	DEC76 01645-90805* 8L 01 D OCT83 01645-90017 8L 01 3 JAN84	22 03 USE 1645A FICHE 01645-90017 88 03
	1645A-1 1645A-2 1645A-3 1645A-4 1645A-5 1645A-6 1645A-7 1645A-8 1645A-9	JUL75 WN SER 1506A + OCT75 NEW CIRCUIT MAR76 WN ALL SER.MOD SEP76 WN SER BELOW 1 MAR77 WO ALL SER.PRE APR77 WA ALL SER.INV AUG82 WA ALL SER.RES	FOR OPER WITH H31-5150A THE 37A.I/O BRD GUIDE KIT REPL FOR TTL DECD CNTR RTED CLOCK PHASE STORS INCORREC LOADED ON 10	CTOR FOR 10235A A TRANSMIT DATA INHIBIT CIRCUIT RMAL PRINTER
166A	OPER & SERV MAN MAN CHANGE MAN SUPP OPER & SERV MAN MAN CHANGE	JAN62 160B-900 FEB65 160B-900 JAN00 160B-900 MAR62 170A-900 OCT66 170A-900	NOV75 160B-800 8L 01 0	
166A - H02	OPER & SERV MAN MAN CHANGE MAN SUPP	JAN62 1608-900 FEB65 1608-900 JAN00 1608-900	NOV75 1608-800 8L 01 0	8 03
	OPER & SERV MAN Man Change	MAR62 170A-900 OCT66 170A-900	MAY76 5951-6282 8L 01 0	8 03
166B	OPER & SERV MAN MAN CHANGE	AUG61 1668-900 AUG63 1668-900	JUL80 1668-800 8L 01 0	8 01
166B-HD2	OPER & SERV MAN MAN CHANGE	AUG61 166B-900 AUG63 166B-900	JUL80 1668-800 8L 01 0	
166C	OPER & SERV MAN SERV NOTE SET BELOW 166C-1A	MAR63 166C-901	APR81 5951-6286 8L 01 0 MAY78	
166D	OPER & SERV MAN MAN REVISED PAGES MAN CHANGE MAN CHANGE BACKDATE	DEC65 REPL OF DIO MAR62 166D-901 SEP63 166D-901 AUG64 166D-901	FEB78 166D-801 8L 01 0	18 02

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166D-H02	MAN MAN	& SERV MAN REVISED PAGES CHANGE CHANGE BACKDATE	SEP63 AUG64	766D-901 186D-901 166D-901 166D-901	FEB78	166D-801	8L	01	08	02							
166E		& SERV MAN Change		166E-901 166E-901	JUL31	5951-6288	8L	01	08	02							
166F		& SERV MAN Change	the state of the s	1708-901 1708-901	MAR71	1708-801		01	08	05							
170A	OPER	INSCTRUC & SERV MAN		5950-1664 170A-900		5950-1927 5951-6282		01 01									

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66D - H02	OPER & SERV MAN MAN REVISED PAGES MAN CHANGE MAN CHANGE BACKDATE	MAR62 766D-901 SEP65 166D-901 AUG64 166D-901 AUG64 166D-901	FEB78	166D-801	8L	01	08	02
66E	OPER & SERV MAN MAN CHANGE	JUN64 166E-901 SEP65 166E-901	JUL31	5951-6288	8L	01	08	02
66F	OPER & SERV MAN MAN CHANGE	DEC65 1708-901 MAY68 1708-901	MAR71	1708-801		01	80	05
70A	OPER INSCTRUC OPER & SERV MAN MAN CHANGE	APR63 5950-1664 MAR62 170A-900 OCT66 170A-900		5950-1927 5951 - 6282	8L 8L		21 08	
70A-H02	OPER & SERV MAN Man Change	MAR62 170A-900 0CT66 170A-900	HAY76	5951-6282	8L	01	80	
70A/B	SERV NOTE SET BELGW 170A-2A CONTD	JUN71 WN 170A ALL Single	OCT78 SER/170B S DELAY LINES	ER BELOW 423	. MOD	TO) IN	ISTAL DUAL DELAY LINE REPL FOR MATCHED
708/BR	OPER & SERV MAN Man Change	DEC65 1708-901 MAY68 1708-901	MAR71	1708-801		01	08	05
700 SERIES	OPER & SERV MAN OPER & SERV MAN	JUN77 5955-2755 AUG81 5957-2287		5955-2756 * 5957-2288	8L 8L	01 01	80 80	01 USE 1700 SERIES OPT 034/035 F 5957-2288 01 OPTION 034/035
700A	OPER & SERV MAN MAN CHANGE	JAN71 01700-90901 0CT71 01700-90901		01700-90801		01	08	04
	SERV NOTE SET BELOW 1700A-1A 1700A-2 1700A-3 1700A-4A 1700A-5 1700A-6 1700A-7	SEP72 WA SER BELON MAR71 WO SER BELON JUN71 WO SER BELON SEP72 WO SER BELON DEC72 WN MOD FOR JUL76 WO ALL SER.	11102A.MOD 11119A0031 11141A.LEA SELECTABLE PREF REPL 0	TO STOP SWE O.EXCESS BAT KY LINE RECT TRISGERING F AC PWR MOD	EP T T CH A2Z	IME IRG	IRN-	ON + HI FREQ AUTO TRIGGERING HITCHES FROM DRAGING OR HANGING UF
1700A-008	OPER NOTE Man Change	FEB71 01700-90902 JUN71 01700-90902	MAR79	01700-90802	8L	01	80	01
1700A-009	OPER NOTE	FEB71 01701-90906	MAR79	01701-90806	8L	01	08	
1700A - 020	OPER NOTE Man Change	MAR71 01700-90903 JUN71 01700-90903	MAR79	01700-90803	8L	01	80	
1700e	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 17008-1 17008-2	SEP73 01700-90910 JAN75 01700-90910 JUN74 WN SER BELON JUL76 WO ALL SER.	MAY78	01700-90810 R LO FREQ TR	IG	01	80	04

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1805A	1805A-2
1805A-003 18053A	OPER & SERV OPER & SERV
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1807A	OPER & SERV MAN CHANGE
1808A 18080A	OPER & SERV I MAN CHANGE OPER NOTE
18081A 18082A	OPER NOTE
1809A	OPER & SERV I MAN CHANGE
181A/AR	OPER & SERV I OPER & SERV I MAN CHANGE SERV NOTE SE 181A-1 5451C-2A
	181A/AR-3 181A/AR-4 181A/AR-5 181A/AR-6 181A/AR-7 181A/AR-8
	181A/AR-9 181A/AR-10 CONT'D 181A-11 181A/AR-12
181T/TR	OPER & SERV I OPER & SERV I MAN CHANGE SERV NOTE SE 1817/TR-1
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11/08/85 Model Number	0 C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE V ***	NUMBER	L	T	V	PAGE 76 P G PTION *** DESCRIPTION *** DESCRIPTION ***
1700B-300		R & SERV MAN I Change		01700-90907 01700-90907	MAY83	01700-90807	8 L	01	80	
17002A	OPE	R & SERV MAN	JUN65	17002-91334	APR81	17002-91384	3L	01	11	
17004A	OPE	R & SERV MAN	JUN65	17004-91346	NOV79	17004-91396	8L	01	11	01
17005A	MAR	R & SERV MAN I CHANGE	OCT76	17005-90002 17005-90002		17005-90052	8L	01	11	02
	170 170	RV NOTE SET BELOW 105A-1 105A-2 105A-3	NOV70	WA SER BELOW 104 WO SER 835 TO 1 WN GPER WITH PO	116A.K	C REPL FOR CAP OD TO IMPR INC	C: REI	03 1ENT	AL	ADVANCE
17007A		R & SERV MAN I Change		17007-91352 17007-91352	APR81	17007-91402	8L	01	11	O1
17007AM		R & SERV MAN I Change	And the second	17007-91352 17007-91352	APR81	17007-91402	8 L	01	11	
17008A		R & SERV MAN I CHANGE D		17008-91338 17008-91338	MAY75	17008-90058		01	11	O1
1701A	MAN SEF 170 170 170 170 170	R & SERV MAN I CHANGE IV NOTE SET BELOW 11A-1A 11A-2 11A-3 11A-4A 11A-5 11A-6 11A-7	MAR72 SEP72 MAR71 JUN71 SEP72 DEC72 JUL76	01701-90910 01701-90910 WA SER BELOW 099 WO SER BELOW 110 WO SER BELOW 110 WO SER BELOW 120 WN SER 1117A + 10 WO ALL SER.PREF WN ALL SER.HAND	MAY78 83A.MO 12A.MO 19A005 14A.LE JP.MOD REPL	D TO IMPR LO T D TO STOP SWEE 55.EXCESS BATT AKY LINE RECT FOR SELECT TR OF AC PWR MODU	EMI P CI A2	P TU FIME IRG	IRN-	O4 H-ON + HI FREQ AUTO TRIGGERING WITCHES FROM DRAGGING OR HANGING UP
1701A-005	OPE	R NOTE	FEB71	01701-90903	MAR79	01701-90803	8L	01	80	
17014-006	OPE	R NOTE	FEB71	01701-90904	MAR79	01701-90804	8L	01	80	
1701A-008	OPE	R NOTE	FEB71	01701-90905	MAR79	01701-90805	8L	01	80	
1701A-G09	OPE	R NOTE	FEB71	01701-90906	MAR79	01701-90806	8L	01	80	
1701A-015	OPE	R NOTE	APR71	01701-90907	MAR79	01701-90807	8L	01	80	
1701A-016	OPE	R NOTE	APR71	01701-90909	OCT84	01701-90809	8L	01	80	
1701A-020	Section 11 to 12 t	R NOTE I CHANGE	The second second	01701-90908 01701-90908	OCT84	01701-90808	8L	01	08	h 01
1701B	N. N	R & SERV MAN I Change IV note set below	AUG73	01701-90911 01701-90911		01701-90811	8L	01	80	03
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1701A-G09	OPER NOTE	FEB71	01701-90906	MAR79	01701-90806	8L 0	1 08	01
1701A-015	OPER NOTE	APR71	01701-90907	MAR79	01701-90807	8L 0	1 08	01
1701A-016	OPER NOTE	APR71	01701-90909	OCT84	01701-90809	8L 0	1 08	0 °i
1701A-020	OPER NOTE MAN CHANGE		01701-90908 01701-90908	OCT84	01701-90808	8L 0	1 08	01
17018	OPER & SERV MAN SAN CHANGE SERV NOTE SET BELOW		01701-90911 01701-90911	ост80 ост78	01701-90811	8L 0	1 08	03
	17018-1 17018-2	JUL76 APR77	WO ALL SER.PREF WN HANDLE REPLA	REPL	OF AC PWR MODI KIT	JLE		

11/08/85 PAGE 77 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M NUMBER C TYPE DATE DATE NUMBER NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1702A OPER & SERV MAN FEB74 01702-90904 JAN83 01702-90804 8L 01 08 04 MAY75 01702-90904 MAN CHANGE SERV NOTE SET BELOW OCT78 1702A-1 SEP72 WO SER BELOW 1230. REP SENSITIVITY TO CRT CHARGED PARTICLES 1702A-2 JUL76 WO ALL SER. PREF REPL OF AC PWR SWITCH 1702A-3 APR77 WN HANDLE REPLACEMENT KIT 1702A-4 JUL77 WN SER 1232A & BELOW. MOD KIT 5061-0862 FOR IMPROVED CRTS 1703A OPER & SERV MAN AUG75 01703-90907 OCT75 01703-90807* 8L 01 08 04 USE 1703A FICHE 01703-90808 OPER & SERV MAN MAY76 01703-90908 JUL83 01703-90808 8L 01 08 04 SERV NOTE SET BELOW OCT78 1703A-1 SEP72 WO SER BELOW 1230. RED SENSITIVITY TO CRT CHARGED PARTICLES 1703A-2 NOV72 WO SER BELOW 1150A00160.WIRING ERR ON HV MULTIPLIER 1703A-3 FEB74 WN SER BELOW 1232A. IMPR LO FREQ TRIGGER 1703A-4A JUL76 WO SER BELOW 1331A.BROWN-OUT + TRANSIENT LYPS MOD 1703A-5A JUL76 WO ALL SER. IMPR SINGLE SWEEP RESET OPER 1703A-6 JUL76 WO ALL SER. PREF REPL OF AC PWR MODULE 1703A-7 APR77 WN HANDLE REPLACEMENT KIT 1703A-8 JUL77 WN SER 1232A & BELOW. MOD KIT 5061-0862 FOR IMPROVED CRTS 1706A OPER & SERV MAN SEP71 01706-90901 NOV71 01706-90801 01 08 04 SERV NOTE SET DELOW OCT78 1706A-1A SEP72 WO SER BELOW 1137A. LEARLY LINE RECT AZZ1 1706A/B-1 APR77 WN ALL SER. HANDLE REPLACEMENT KIT 1706A-2 JUL76 WO ALL SER. PREF REPL OF AC PWR MODULE 1706B JAN73 01706-90905 OPER & SERV MAN MAY75 01706-90805 01 08 03 SERV NOTE SET BELOW STYAM 1706B-1 JUL76 WO ALL SER. PREF REPL OF AC PWR MODULE 1706A/B-1 APR77 WN ALL SER. HANDLE REPLACEMENT KIT 1707A OPER & SERY MAN APR71 01707-90901 JUN72 01707-90801 01 08 04 MAN CHANGE MAR72 01707-90901 SERV NOTE SET BELOW MAY78 JUN71 WO SER BELOW 1117A00145.EXCESS BATT CRGE 1707A-1 1707A-2A SEP72 WO SER BELOW 1209A. LEAKY LINE RECT A2Z1. 1707A-3 DEC72 WN MOD FOR SELECTABLE TRIGGERING 1707A-4 JUL76 WO PREF REPL OF AC PWR MODULE 1707A-5 APR77 WN ALL SER. HANDLE REPLACEMENT KIT 1707A-H60 OPER & SERV MAN JAN73 01707-90914 AUG81 01707-90814 8L 01 08 03 MAN CHANGE MAR74 01707-90914 1707A-005 OPER NOTE JUN71 01707-90904 MAR79 01707-90804 8L 01 08 01 1707A-008 OPER NOTE JUL71 01707-90907 MAR79 01707-90807 8L 01 08 01 1707A-009 APR71 01707-90902 JUN71 01707-90902 OPER NOTE MAR79 01707-90802 8L 01 08 01 MAN CHANGE 1707A-016 OPER NOTE MAY71 01707-90905 JUL80 01707-90805 8L 01 08 01 1707A-020 OPER NOTE APR71 01707-90903 JUL80 01707-90803 8L 01 08 01 FEB72 01707-90903 MAN CHANGE

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CRIPTION ***

11/08/85 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D P

11/08/85

182A-807

182A/C

182C

11/08/85

182c-001

182C-002

1820-003

182C-007

182C-010

182c-011

182C-013

182T-003

1820A

18208

182T

MODEL

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		1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、
1707A-005	OPER NOTE	JUN71 01707-90904 MAR79 01707-90804 8L 01 08 01
707A-008	OPER NOTE	JUL71 01707-90907 MAR79 01707-90807 8L 01 08 01
1707A-009	OPER NOTE Man Change	APR71 01707-90902 MAR79 01707-90802 8L 01 08 01 JUN71 01707-90902
1707A-016	OPER NOTE	MAY71 01707-90905 JUL80 01707-90805 8L 01 08 01
1707A-020	OPER NOTE	APR71 01707-90903 JUL80 01707-90803 8L 01 08 01
	MAN CHANGE	FEB72 017C7-90903
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P D P D P D P D D P D D D D D D D
		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1707В	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR7* 01707-90916 JUN75 01707-90816 8L 01 08 04 APR75 01707-90916 JAN79
	17078-16 17078-2 17078-3A 17078-4 17078-5 17078-68	JUL76 WO SER BELOW 1325A.BROWN OUT + TRANSIENT LVPS MODIFICATION FEB74 WK SER BELOW 1234A.IMPR LO FREQ TRIGGER JUL76 WO ALL SER.IMPR SINGLE ENCEP RESET OPER MAY74 WN ALL SER.MOD FROM SYNC TO FREE-RUNNING CHOP MODE JUL76 WO ALL SER PREF REPL OF AC PWR MODULE MAY78 WN HANDLE REPLACEMENT KIT
1707B-H60	OPER & SERV MAN TURN-ON PROC MAN CHANGE	AUG74 01707-90918 JUN80 01707-90816 8L 01 08 04 SEP74 01707-90918 CONTROLS AND CONNECTORS MAY75 01707-90918
1707B-020	OPER NOTE OPER NOTE CHANGE	JUN72 01707-90911 DEC72 01707-90811 01 06 07 AUG72 01707-90911
1707B-300	OPER & SERV MAN Man Change	APR73 01707-9년대 구 FEB85 01707-90812 8L 01 08 04 SEP77 01707-위한대로
17090A	USER'S MAN	JUN84 17090-90000 SEP84 17090-90050 8L 01 11 03
1710A	OPER & SERV MAN MAN CHANGE	APR73 01710-90903 OCT84 01710-90803 8L 01 08 04 AUG74 01710-90903
	SERV NOTE SET BELOW 1710A-1 1710A-2 1710A-3 1710A-4 1710A-5 1710A-6	JAN79 NOV73 WN SER BELOW 1302A.VERT AMPLER PROTECT MODIFICATION JAN74 WO SER BELOW 1316A.CRT BURN PROTECT MOD MAR74 WN ALL SER.MOD FROM SYNC TO FREE-RUNNING CHOP MODE APR74 WN ALL SER.PROBE PWR MODIFICATIONS DEC75 WO ALL SER.PREF REPL FOR A3C1 APR77 WN ALL SER.HANDLE REPLACEMENT KIT
1710B	OPER & SERV MAN MAN CHANGE	MAR76 01710-90906 SEP85 01710-90806 8L 01 08 04 JUL76 01710-90906
	SERV NOTE SET BELOW 17108-1 17108-2 17108-3 17108-4	APR79 JUL74 ALL SER.ATTENUATOR TERM RESIST REPL MAR75 WO SER BELOW 1420A.INCR INTERSITY IN DELAYED SWEEP OPERATION MAY75 WO SER BELOW 1515A00726.INCORRECT PWR SUPPY VOLTAGES FOR ACTIVE PROBES NOV75 WO ALL SER.REPL FOR ATTEN DETENT WHEEL
	17108-5 17108-6 17108-7 17108-8 17108-9 17108-10 17108-11	MAR76 WO SER BELOW 1545A.MOD TO STOP VERT TRACE OFFSET WHEN PWR IS INITIALLY APPLIED MAR76 WO SER BELOW 1545A.MOD TO INCR SYNC BAL + 5 MV/DIV GAIN ADJ RANGE FEB76 WO SER BELOW 1545A.PREF REPL FOR SWP AT 10 NSEC/DIV WHEN SWP VERNIER ROTATE OUT DETENT FEB76 WO SER BELOW 1545A.PREF REPL FOR SWP TIMG CAPACITOR MAR76 WO SER BELOW 1602A01235.MOD TO CORRECT INTERMITTENT MAIN SWEEP AUTO BASELINE MAR76 WO SER BELOW 1515A.MOD TO STOP HV ARCING MAR76 WO SER BELOW 1632A01235.MOD TO STOP HV ARCING MAR76 WO SER BELOW 1602A01235.PREF REPL PRTS IN +53V SUPPLY
	1710B-13A 1710B-14 CONT'D	APR77 WO REC RESIST REPL TO IMPR FOCUS APR76 WO SER BELOW 1545A.MOD TO INCR PROBE PWR SUFFICIENTLY TO OPER TWO 1120A ACTIVE PROBES AT ONCE
	17108-15 SERV NOTE SET BELOW	DEC78 WN ALL SER.MGD TO ELIM INTERMITTENT AUTO BASELINE AT SLOW SWEEPS.
17106A	SERV NUIE SEI BELUW	MAY78 MAY66 CALIB PROC AND PARTS LIST

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11/08/85 MODEL NUMBER 0 C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART M P D P NUMBER L T V G

MAN CHANGE

MAR74 01707-90914

1820B

1820C

11/08/85 MODEL NUMBER

1821A/E/I

1822A

1824A

1825A

183A

1838

183C

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183A/B/C

1821A

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1710B-9 MAR76 WO SER BELOW 1602A01235.MOD TO CORRECT INTERMITTENT MAIN SWEEP AUTO BASELINE MAR76 WO SER BELOW 1515A. MOD TO STOP HV ARCING 1710B-10 MAR76 WO SER BELOW 1632A01235.MOD TO STOP HV ARCING 1710B-11 1710B-12 MAR76 WO SER BELOW 1602A01235 PREF REPL PRTS IN +53V SUPPLY APR77 WO REC RESIST REPL TO IMPR FOCUS 17108-13A APR76 WO SER BELOW 1545A.MOD TO INCR PROBE PWR SUFFICIENTLY TO OPER TWO 1120A ACTIVE PROBES 1710B-14 CONT'D AT ONCE DEC78 WN ALL SER. MCD TO ELIM INTERMITTENT AUTO BASELINE AT SLOW SWEEPS. 1710B-15 17106A SERV NOTE SET BELOW MAY78

CALIB PROC AND PARTS LIST

17106A-1/17107A-1 MAY66

1838 183C

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MODEL

PAGE 79 11/08/85 PAGE 64 FICHE PART M P D MODEL 0 LITERATURE H/C H/C PART FICHE C NUMBER LTVG NUMBER DATE N. BER TYPE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** PTION *** 17107A SERV NOTE SET BELOW MAY78 MAY66 17106A-1/17107A-1 CALIB PROG AND PARTS LIST 17108A OPER & SERV MAN MAR67 17108-90001 JUL82 17108-90051 8L 01 11 01 MAN CHANGE MAY82 17108-90001 KAR67 17108-90001 JUL82 17108-90051 8L 01 11 01 17108AM OPER & SERV MAN MAY82 17108-90001 IN CHANGE 1712A OPER & SERV MAN JAN75 01712-90901 JAN75 01712-90801* 01 08 04 USE 1712A FICHE 01712-90802 MAY76 01712-90902 AUG83 01712-90802 8L 01 08 03 OPER & SERV MAN APR77 01712-90902 MAN CHANGE SERV NOTE SET BELOW APR79 17124-1 MAR75 WO SER BELOW 1542A.INCR INTENSITY IN DELAYED SWEEP OPERATION 1712A-2 ALL SER.REPL ATTEN TERM RESISTORS 1712A-3 NOV75 WO ALL SER. REPL FOR ATTEN DETENT WHEEL 17124-4 MAR76 WO SER BELOW. MOD TO STOP VERT TRACE OFFSET WHEN PWR IS INITALLY APPLIED 1712A-5 FEB76 WO SER BELOW 1548A00307.MOD TO INCR SYNC BAL + 5MV/DIV GAIN ADJ RANGE FEB76 HO SER BELOW 1548A00307.NO MAIN SWP AT 10 NSEC/DIV WHEN SWP VERNIER ROTATE OUT DETENT 1712A-6 FEB76 WO SER BELOW 1535. PREF REPL FOR SWP TIMG CAP 1712A-7 1712A-8 MAR76 WO SER BELOW 1548A00307. MOD TO CORRECT INTERMITTENT MAIN SWEEP AUTO BASELINE 1712A-9 MAR76 WO SER BELOW 1511A. MOD TO STOP HV ARCING MAR76 WO SER BELOW 1548A00307.MOD TO STOP HV ARCING 17124-10 17124-11 MAR76 NO SER BELOW 1548A00307.PREF REPL PRTS IN +53V SUPPLY 1712A-12A APR?7 WO ALL SER.REC RESIST REPL TO IMPR FOCUS APR76 WO SER BELOW 1535A.MOD TO UP PROBE PWR TO OPER TWO 1120A ACTIVE PROBES SIMULTANEOUSLY 1712A-13 DEC78 WN ALL SER. MOD TO PREVENT INTERMITTENT AUTO BASELINE AT SLOW SWEEPS. 17124-14 MAY77 01715-90901 JUN79 01715-90801* 8L 01 08 03 USE 1715A FICHE 01715-90803 1715A OPER & SERV MAN MAY77 01715-90902 JUL77 01715-90802 8L 01 08 01 OPERATORS GUIDE JUL80 01715-90903 AUG84 01715-90803 8L 01 08 04 INCLUDES OPT 034/035 OPER & SERV MAN JUN84 01715-90903 MAN CHANGE OPER NOTE JUL81 5957-2256 OCT8: 5957-2257 * 8L 01 08 01 USE 10029A FICHE 5957-3219 **OCT81** SERV NOTE SET BELOW OCT?? WA SAFETY.OPT 034 ALL SER.ELIM POT SAFETY HAZARD 1715A-1-S 1715A-2 AUG78 WO SER 1820A01025 & BELOW.REC REPL PARTS TO IMPROVE REL OF ANALOG ASSY A18. DEC78 WN SER 1728A & BELOW. MOD TO ELIM INTERMITTENT AUTO BASELINE AT SLOW SWEEPS. 1715A-3 17154-4 MAR79 WO ALL SER-REC MOD TO ELIM VERT OSCS NOV79 WN SER 1823A & BELOW. MOD TO IMPROVE VERT OUTPUT AMP (ASU2) RELIABILITY 1715A-5 SEP80 WO ALL SER. REC ATTEN DETENT WHEEL REPL IN THE EVENT OF FAILURE 1715A-6 JUL81 WO SER 2047A & BELOW.INSTRUCT FOR REPL PLASTIC T-PACK XSISTORS AIAIQ3 & AZA1Q3 IN VERT 1715A-7 CONT'D ATTEN BDS NOV81 5957-3221 * 8L 01 08 01 USE 1715A-005 FICHE 01715-90805 1715A-005 OCT81 5957-3220 OPER NOTE DEC83 01715-90805 8L 01 08 01 AUG83 01715-90905 OPER NOTE JUN70 17170-90051* 01 11 01 USE 171/JA FICHE 17170-90052 17170A OPER & SERV MAN DEC68 17170-90001 SEP71 17170-90002 OCT83 17170-90()52 8L 01 11 01 OPER & SERV MAN APR72 17171-90001 APR82 17171-90051 8L 01 11 01 17171A OPER & SERV MAN MAN CHANGE FEB82 17171-90001 NOV77 17172-90051 8L 01 11 01 17172A OPER & SERV MAN DEC71 17172-90001 FEB73 17172-90001 MAN CHANGE SERV NOTE SET BELOW

NUMBER 183D 183D-020 1830A 1831A 1831A-001 1831A/B 1831B 1834A 1835A 184A 184A-003 184A-005 184A-580 184A/B 184B

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184B-003

	UPER NUIE	AUG83 01/15-90905	DEC83 01715-90805	8L 01 08 01			
17170A	OPER & SERV MAN OPER & SERV MAN	DEC68 17170-90001 SEP71 17170-90002	JUN70 17170-90551* OCT83 17170-90052		171∤UA FICHE	17170-90052	
171714	OPER & SERV MAN MAN CHANGE	APR72 17171-90001 FEB82 17171-90001	APR82 17171-90051	8L 01 11 01			
17172A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	DEC71 17172-90001 FEB73 17172-90001	NOV77 17172-90051 MAY78	8L 01 11 01			
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184B

1848-003

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1848-005

184B-580

1840A

1841A

185A

185A/B

185B

186A

18641A

18642A

18643A

18644A

187A

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 80 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE KUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
17172A	171724-1	MAY71 WN SER BELOW 924.MOD TO ELIM NOISY SWEEP
17173A	OPER & SERV MAN MAN CHANGE	JUL70 17173-90001 NOV77 17173-90051 8L 01 11 01 SEP76 17173-90001
	SERV NOTE SET BELOW 17173A-1 17173A-2 17173A-3	MAY78 DEC70 WA SER 1011A.MOD TO CORRECT DEFECT IN PRINTED CIR BOARD OF OUTPUT CARD FEB71 WA SER 1011A.MOD TO ELIM OUTPT BOARD FAILURES APR72 WA SER 1011A & 1121A.FUSE VALUE CHANGE
171748	OPER & SERV MAN	SEP68 17174-90001 JUN70 17174-90051 01 11 01
17175)	MAN CHANGE	OCT72 17175-90001 AUG80 17175-90051 8L 01 11 01 MAY80 17175-90001
	SERV NOTE SET BELOW 17175A-1	MAY78 FEB72 WO SER 818.MOD TO DECR TEMP DRIFT
17176A	GOER & SERV MAN HAN CHANGE SERV NOTE SET BELOW	AUG69 17176-90000 NOV77 17176-90050 8L 01 11 01 JUL75 17176-90000
	17176A-1	APR72 WA SER 1011A & 1043A.FUSE VALUE CHANGE
171774	OPER & SERV MAN MAN CHANGE	JUN70 17177-90000 OCT77 17177-90050 8L 01 11 01 OCT77 17177-90000
17178A	OPER & SERV MAN OPER & SERV MAN	DEC68 17170-90001
1720A	MAN CHANGE SERV NOTE SET BELOW 1720A-1 1720A-2 1720A-3 1720A-4 1720A-5 1720A-6 1720A-7 1720A-8 1720A-9 1720A-10 1720A-11 1720A-12	JUN74 01720-90902 JUN75 01720-90802* G1 08 05 USE 1720A FICHE 01720-90803 SEP76 01720-90903 MAR83 01720-90803 8L 01 08 03 APR79 JUL74 ALL SER.ATTEN TERM RESIST REPLACEMENT AUG74 WN ALL SER.MOD KIT FOR PROBE PWR JACKS AUG74 WN SER BELOW 1425A0350.IMPR CONTRAST RATIO FOR MAIN INTENSIFIED SWEEP SEP74 WO SER BELOW 1425A.UP INTENSITY IN DELAYED SWEEP DARRATION MAY75 WO SER BELOW 1425A.UP INTENSITY IN DELAYED SWEEP OPERATION MAY75 WO SER BELOW 1425A.UP INTENSITY IN DELAYED SWEEP OPERATION MAY75 WO SER BELOW 1425A00410.INCORRECT PWR SUPPLY VOLTAGES FOR ACTIVE PROBES NOV75 WO ALL SER.REPL FOR ATTEN DETENT WHEEL MAR76 WO SER BELOW 1542A.MOD TO STOP VERT TRACE OFFSET WHEN POWER IS INITALLY APPLIED MAR76 WO SER BELOW 1550A00496.MOD TO UP SYNC BALANCE ADJUSTMENT RANGE FEB76 WO SER BELOW 1550A00496.NO MAIN SWP AT 10 NSEC/DIV WHEN SWP VERNIER ROTATE OUT DETENT FEB76 WO SER BELOW 1542A.PREF REPL FOR SWP TIMG CAPACITORS MAR76 WO SER BELOW 1425A.MOD TO STOP HV ARCING MAR76 WO SER BELOW 1425A.MOD TO STOP HV ARCING MAR76 WO SER BELOW 1602A00521.MOD TO STOP HV ARCING MAR76 WO SER BELOW 1602A00521.MOD TO STOP HV ARCING MAR76 WO SER BELOW 1542A.MOD TO PROBE PWR TO GPER TWO 1120A ACTIVE PROBES SIMULTANEOUSLY DEC78 WN ALL SER.MOD TO ELIM INTERMITTENT AUTO BASELINE AT SLOW SWEEPS.
1720AF	OPER & SERV MAN MAN CHANGE	MAR77 01720-90905 NOV84 01720-90805 8L 01 08 03 JUL77 01720-90905

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1722A

OPER & SERV MAN OPER & SERV MAN SEP76 01722-90905 JUN77 01722-90907

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NUMBER C TYPE DATE NUMBER DATE NUMBER L T V S

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1722A SERV NOTE SET BELOW JANSO
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DEC76 D1722-90805* 8L D1 D8 D4 USE 1722A FICHE D1722-90807 SEP77 D1722-90807 8L D1 D8 D4

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187A

	1720A-16A 1720A-17 1720A-18	APR77 WO ALL SER.REC RESIST REPL TO IMPR FOCUS APR76 WO SER BELOW 1542A.MGD TO UP PROBE PWR TO CPER TWO 1120A ACTIVE PROBES SIMULTANEOUSLY DEC78 WN ALL SER.MOD TO ELIM INTERMITTENT AUTO BASELINE AT SLOW SWEEPS.	
1720AF	OPER & SERV MAN MAN CHANGE	MAR77 01720-90905 NOV84 01720-90805 8L 01 08 03 JUL77 01720-90905	
1722A	OPER & SERV MAN OPER & SERV MAN	SEP76 01722-90905 DEC76 01722-90805* 8L 01 08 04 USE 1722A FICHE 01722-90807 JUN77 01722-90907 SEP77 01722-90807 8L 01 08 04	

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18641A 18642A 18643A 18644A 187A

11/08/85 MODEL NUMBER

187A

187A/B

187B

187C

190A

1900

11/08/85 MODEL	0 LITERATURE	H/C	H/C PART	FICHE		PART	M	P I	D P		PAGE 81
NUMBER	C	DATE	NUMBER *** DESCRIPT	DATE	NUN Descript	MBER	L ** DE	T \	V G IPTIO	N *** DESCRIPTION **	** DESCRIPTION ***
1722A	SERV NOTE SET BELOW			JAN80							
	1722A-1 1722A-2	MAR75 MAY75	WO SER BELOW	1507A.UP 1508A004	INTENS:	TY IN	DEL/	AYED	SWEE	P OPERATION LTAGES FOR ACTIVE P	AABES TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE TO
	1722A-3	SEP75	WO SER BELOW	1429A.RE	PL FOR (HANNEL	L"A	" PO	SITIO	N CONTROL	KUBES
	1722A-4A 1 <u>7</u> 22A-5	NOV75	WN ALL SER.NE ALL SER.RE	PL ATTEN	TERM RE	SIST.					
	1722A-6A 1722A-7	AUG79	WO ALL SCR.RE WN ALL SER.DI	PL ATTEN	DETENT	WHEEL	***				
	1722A-8	MAR76	WO SER BELOW	1531 A. MO	D TO STO	P VERT	TTR	ACE (OFFSE	T WHEN PWR IS INITIA	NLLY APPLIED
	1722A-9 1722A-10	MAR/6	WO SER BELOW	1522A008	80.MOD 1	O UP S	SYNC	BAL	ANCE	ADJUSTMENT RANGE DIV WHEN SWP VERNIE	걸 하는다 하는 경기 있다면 된 글이었다.
	1722A-11 1722A-12	LFB10	WO SER BELOW	1544A.PR	EF REPL	FOR SI	HEEP	TIM	ING C	APACITORS	
	1722A-13	MAR/6	WO SER BELOW	1515A.MO	D TO STO	P HV /	ARCIN	NG		TENT MAIN SWEEP AUT	D BASELINE
	1722A-14 1722A-15	MAR76	WO SER BELOW WO SER BELOW	1552A009	15.40D 1	O STOP	PHV	ARC	ING	CIIDDI V	
	1722A-16A 1722A-17	APR77	WO ALL SER.RE	C RESIST	REPL TO	IMPR	FOCI	US		현실의 동일 회사를 가는 그 얼마를 받았다.	
	17228-18	DEC78	WN ALL SER.MO	D TO ELI	M INTERN	PRUBE	PWR T AU1	TO B	OPER ASELI	TWO 1120A ASTIVE PRONE AT SLOW SWEEPS.	DBES SIMULTANEOUSLY
1722A-001	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 08	5 04		
1722A-003	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (21 08	8 04		
1722A-011	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 08	8 04		
1722A-091	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 08	B 04		
1722A-092	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 08	8 04		
1722A-093	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 0	8 04		
1722A - 095	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	20807	8L (01 08	B 04		
1722 A- 096	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 0	B 04		
1722A-101	OPER & SERV MAN	JUN77	01722-90907	SEP77	01722-9	0807	8L (01 08	8 04		
17228	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW		01722-90908 01722-90908	JUN84 OCT81	01722-9	8080	8L (01 08	3 04	SEE TITLE PAGE FOR (OPTIONS COVERED
	17226~1	DEC78	WN SER 1737A	BELOW.	MOD TO E	LIM IN	NTERN	HITTI	ENT A	UTO BASELINE AT SLOW	I SWEEPS.
	17228-2 17228-3	JAN81	WN SER 1823A WO SER 2034A0	8 BELOW. 1155 & B	MOD TO] Elow.com	IMPROVE IP CHAI	E VEF	RT OL To Pi	JTPUT REVEN	AMP (A5U2) RELIABI T MISTRIGGERING AT I	LITY ECL LOGIC SPEEDS
	CONT'D 17228-4		(100 MHZ)		The Care	美数学习的					
	CONT'D	UULUI	ATTEN BDS	m DELVM.	TUS I YUC I	ruk i	KOPL	PLA	0116	I-LUCK Y21210K2 VIV	193 & A2A193 IN VERT
1725A	OPERATORS GUIDE		01715-90902		01715-9						보이들은 그런 생물을 갖고 있다. 22 1일 1일 전략 전략 기계
	OPER & SERV MAN Man Change		01725-90901 01725-90902	FEB85	01725-9	0801* 0802	8L (01 O8 01 O8	3 03 I	USE 1725A FICHE 0177 SEE TITLE PAGE FOR (25-90802 OPTIONS COVERED
	MAN CHANGE OPER NOTE		01725-90902 5957-2256							[문화] 이렇게 된 하기와 가게 !	
	SERV NOTE SET BELOW	TULU	66JU	0CT81	J/J/ -60	٠, ١,	OL (n i O	יוט כ	USE 10029A FICHE 595	773617

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   MODEL
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                   1725A-2
1725A-3
1725A-4
1725A
                                              AUG78 WO SER 1823A00800 & BELOW.REC REPL PARTS FOR REL OF ANALOG ASSY A18.
DEC78 WN SER 1720A & BELOW.MOD TO PREVENT INTERMITTENT AUTO BASELINE AT SLOW SWEEPS.
                                                                                                                                                                                         1900
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11/08/85 MODEL NUMBER

1725A MAY77 01715-90902 OPERATORS GUIDE JUL77 01715-90802 8L 01 08 01 JUN79 01725-90801* 8L 01 08 03 USE 1725A FICHE 01725-90802 OPER & SERV MAN AUG77 01725-90901 MAN CHANGE JUN80 01725-90902 FEB85 01725-90802 8L 01 08 04 SEE TITLE PAGE FOR OPTIONS COVERED MAN CHANGE OCT84 01725-90902 OPER NOTE JUL81 5957-2256 OCT81 5957-2257 * 8L 01 08 01 USE 10029A FICHE 5957-3219 SERV NOTE SET BELOW **OCT81** 1725A-1-S OCT77 WA SAFETY OPT 034 ALL SER ELIM POT SAFETY HAZARD

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DURCE

11/08/85 PAGE 82 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M C NUMBER TYPE DATE NUMBER DATE NUMBER LT V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1725A 17254-2 AUG78 WO SER 1823A00800 & BELOW.REC REPL PARTS FOR REL OF ANALOG ASSY A18. DEC78 WN SER 1720A & BELOW MOD TO PREVENT INTERMITTENT AUTO BASELINE AT SLOW SWEEPS. 1725A-3 1725A-4 NOV79 WN SER 1823A & BELOW. MOD TO IMPROVE VERT OUTPUT AMP (A5U2) RELIABILITY 1725A-5 MAY80 WN ALL SER. MOD KIT FOR PROBE POWER JACKS 1725A-6 OCT80 WO ALL SER. REC ATTEN DETENT WHEEL REPL IN THE EVENT OF FAILURE JAN81 WO SER 2047A03560 & BELOW. COMP CHANGE TO PREVENT MISTRIGGERING AT ECL LOGIC SPEEDS 1725A-7 CONT'D (100 MHZ) JUL81 WO SER 2047A & BELOW. INSTRUCT FOR REPL PLASTIC T-PACK XSISTORS A1A1Q3 & A2A1Q3 IN VERT 1725A-8 CONT'D ATTEN BDS 1725A-H08 MOD SHEET OCT83 01725-90903 DEC83 01725-90803 8L 01 08 01 1725A-H14 MOD SHEET OCT83 01725-90904 DEC83 01725-90804 8L 01 08 01 1725A-005 OPER NOTE NOV81 5957-3221 * 8L 01 08 01 USE 1725A-005 FICHE 01715-90805 OCT81 5957-3220 OPER NOTE AUG83 01715-90905 DEC83 01715-90805 8L 01 08 01 17251A OPER NOTE FEB77 17251-90002 JUL84 17251-90052 8L 01 11 01 17252A OPER NOTE FEB77 17251-90002 JUL84 17251-90052 8L 01 11 01 17253A OPER NOTE FEB77 17251-90002 JUL84 17251-90052 8L 01 11 01 1726A JUN83 01726-90902 OPER GUIDE AUG83 01726-90802 8L 01 08 01 1727A OPER GUIDE JUL83 01727-90902 OCT83 01727-90802 8L 01 08 01 OPER & SERV MAN NOV81 01727-90903 OCT85 01727-90803 8L 01 08 04 MAN CHANGE JAN85 01727-90903 SERV NOTE SET BELOW **OCT85** 17274-1 MAY81 WO SER 2137A00450 & BELOW MOD TO PREV CRT MOVEMENT 1727A-2 APR83 WN ALL SER. MCD TO IMPR PUL RESP & BANDWDTH MAY85 WA SER 2452A01225 & BELOW.POT PWR XFMR FAILURE DUE TO CAP SHORTING 1727A-3 1740A OPER & SERV MAN AUG76 01740-90909 NOV83 01740-90809 8L 01 08 03 MAN CHANGE GMBH JUL79 01740-90909 MAN CHANGE OCT83 01740-90909 MOD SHEET AUG80 5955-8031 NOVEO 5955-8060 8L 01 08 01 SERV NOTE SET BELOW **0CT84** 1740A-1 NOT AVAILABLE NOV75 WN ALL SER. CARE OF PREAMP INTEGRATED CIR 1740A-2 JUL78 WN ALL SER. MOD FOR CONVERTING STD 1740A TO OPT 101 1740A-3B NOV75 WO SER BELOW 1526A.MIXED SWEEP OSCIL 1740A-4 MAR78 WO SER BELOW 1533A. PROC TO FIX VERT AMPLER BAL & GAIN IF VERT PREAMP 1C, A3A1 IS REPL 1740A-5A JAN77 WO SER 1541A & UP. PROC TO FIX VERT AMPLER BAL & GAIN IF VERT PREAMP 1C, A3A1 IS REPL 1740A-6A APR76 WO ALL SER.PROC TO IMPR LO VERT GAIN 1740A-7 1740A-8A MAR78 WO ALL SER. COMPON SELECTION TO REMEDY PULSE RESPONSE OF RISETIME PROBLEMS 1740A-9 APR76 NO SER BELOW 1551A00724.REV TO ELIM VERT GAIN PROB IN CHANNEL B ONLY MAR78 WO ALL SER PREF REPL FOR A16CR4 RECT. 1740A-10A MAY77 WO SER 1616A-01725 & BELOW MOD TO PREVENT SHORT SWEEP 1740A-11B MAR78 WO SER BELOW 1616A-01925. MOD TO IMPR REL OF +120V PWR SUPPLY 1740A-12A 1740A-13 JUL77 WO ALL SER. MOD TO PREVENT VERTICAL OSCILLATIONS DURING TURN ON NOV77 WO SER BELOW 1729A. MOD TO ELIM INTERMITTENT VERT OR HORIZ JITTER 1740A-14 1740A-15A APR78 WO ALL SER. PREF REPL FOR INPUT FETS SEPSO WN ALL SER. MOD TO IMPROVE CONNECTOR MATING REL BETWEEN AS VERT PREAMP & AS VERT OUTPUT 1740A-16 CONTD PC BOARDS

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1905A
1905A-001
1905A-005
1906A
1906A-001
1908A
1908A-001
1908A-005
1909A
19094-001
191A
1910A
1915A
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		我们一个一样的时候,我们就是一个人的,我们就是一个人的,我们就是一个人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的
	기술의 경화 이 사람들이 불어 없는 하는 것은 것이 되었다. 이 사람들에게 되었다.	의 제 생생님, 및 100get - 1 1 4 20 전 10 12 12 12 12 12 12 12 12 12 12 12 12 12
		호텔 마르아 된 문장 현실 보고하는 이 그런 아니는 대학자를 보고 들어 있었다. 그리고 나는 사람은 그리고 되는 것이 하는 것이 되는 것이 되고 있는 것이다. 그 하는 것이다.
13, 13	111/08/85	문하는 모르면 그 문제는 사람들은 학교 하는 테스티를 사용하는 물로 11. 원인 사람들은 말하는 사고 11. 그는 다른 사람들은 사람들은 기계 전략 도 모드 살 수 다른
1.17	그를 내 하는 요요요요. 그는 그를 가는 그는 그는 그는 그를 가는 것이다.	
		C H/C PART FICHE FICHE PART N P D P
11	NUMBER C TYPE D	NTE NUMBER DATE NUMBER L T V G
	얼마나 되면 가게 그 사람들이 살아 되었다. 그 사람은 지난 살아 보다 보다 되었다.	그 하는데 사람들은 이 집에 가는데 하는데 되는데 아무리를 하는데 그는 것이 되었다면 하는데 하는데 하는데 아무리를 하는데
es de	내가 되었다. 하는 하는 말이 하는데 되는데 되었다. 그 부모님 하는 사람들이 되었다. 그 없는데 다른데 다른데 되었다.	*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
l Arti	그는 그는 하고 있으면 하고 하는 것이 그는 것이 하는 것이 되었다. 그는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.	면도 보고 있는데 있다면 그러면 하다면 보이고 생각을 하면 되었다. 아내는데 문제를 내려 있는데 말리 되고 있는데 내가 되었다는데 가지 않는데 말리를 하고 하는데 그래 되었다. 그 문제 되었다.
7, 5,	1740A 1740A-17	182 MA SED 2024417270 P. DELOUADREE DEDITION AGREEMENT OF THE RELIGIOUS
	그렇다. 그는 그 살아가 되나는 이 교육 사는 이 그는 사람들이 가족 그런 경찰에 가지 않는 것이다. 그 사람들이 다른 기계를 받는 것이다.	482 WO SER 2026A17230 & BELOW; PREF REPL FOR A9R5 RESIST IN THE DELAYED SWEEP INTEGRATOR
Jan Alle	1740A-18 JAI	482 WO SER 2026A12642 TO 2026A16282.REPL CAP IN THE +120V PWR SUPPLY
أحمراتما	1740-19-S	R82 WA ALL SER. POSS SAFETY HAZ ON MULTI INPUTS ON 1740A WITH OPT 034,035,009,8417
qui.	그를 생활하는데 그 사람들이 되면 그는 그는 전에 그는 그들은 무슨 모든 것이라면 그를 가장 하는 것이다. 그를 가장 하는 것이다.	TOT MY WEE SERVINGS OVER 1 UNE OF MOET THEO IS ON IMAN WITH ON 1024/022/CAN WHILE
	1740A-20A JA	183 NO SER AS FOLLOWS: "A"SER 22264 & RELOW-"G"2" I"ALL GED TO CODDEC LOW DANDUNTU & GLOW

11/08/85 MODEL NUMBER 1915A-001

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programmes, some of the contract	THE PARTY OF THE P	MY YER	MAIAU ATTES & DEFAMINAD TO LUCKENT SHOWL SHEEL
1740A-12A	MAR78	WO SER	BELOW 1616A-01925.MOD TO IMPR REL OF +120V PWR SUPPLY
1740A-13	JUL77	HO ALL	SER. MOD TO PREVENT VERTICAL OSCILLATIONS DURING TURN ON
1740A-14	NOV77	WO SER	BELOW 1729A. MOD TO ELIM INTERMITTENT VERT OR HORIZ JITTER
1740A-15A	* · · · · · · · · · · · · · · · · · · ·		SER.PREF REPL FOR INPUT FETS
1740A-16			SER. MOD TO IMPROVE CONNECTOR MATING REL BETWEEN AS VERT PREAMP & A5 VERT OUTPUT
CONTD	VI.		OARDS
			^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
기급들에 지구 토하인 시간이다.			전한 물 그리 화가는 왜 동안는 이 아니는 말을 하게 보고 있는 모양에 된 일을 살았다면 하는 그 때문에는 그는 사람이 되었다고 있다.

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AGE 69

11/08/85 MODEL NUMBER 1915A-001 1915A-005 1916A 1917A 1917A-001 1917A-005 1920A 1920A-001 1921A 1921A-001 1922A 1922A-001 1925A 1927A 1928A 193A

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 83 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1740A	1740A-18 1740-19-5	JAN82 WO SER 2026A17230 & BELOW; PREF REPL FOR A9R5 RESIST IN THE DELAYED SWEEP INTEGRATOR JAN82 WO SER 2026A12642 TO 2026A16282. REPL CAP IN THE +120V PWR SUPPLY MAR82 WA ALL SER. POSS SAFETY HAZ ON MULTI INPUTS ON 1740A WITH OPT 034,035,009,&H17 JAN83 WO SER AS FOLLOWS: "A"SER 2226A 3 BELOW: "G"&"J"ALL SER. TO CORREC LOW BANDWOTH & SLOW RISETIME
		JUN84 WN SER 2026A & BELOW AND 1751G & BELOW.MOD TO ELIM HORZ JITTER INTENSITY FILICKER & PWR SUPLY CONN DISCOLORING
17404-005		SEP78 5955-5008
1740AF	MOD SHEET	JUL83 01740-90914 DEC83 01740-90814 8L 01 08 01
1740B	SERV NOTE SET BELOW	
17400A	OPER & SERV MAN MAN CHANGE	AUG72 17400-90000 0CT79 17400-90050 8L 01 11 01 AUG79 17400-90000
17401A		APR79 17401-90001 DEC81 17401-90051 8L 01 11 01 OCT81 17401-90001
17402A	OPER & SERV MAN	DEC76 17402-90001 FEB77 17402-90051 8L 01 11 01
17403Å	OPER & SERV MAN MAN CHANGE	AUG74 17403-90000 NOV77 17403-90050 8L 01 11 02 JUN77 17403-90000
17404A	OPER & SERV MAN	OCT81 17404-90000 DEC81 17404-90050 BL 01 11 01
17414	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER GUIDE OPER & SERV MAN MAN CHANGE MOD SHEET SERV NOTE SET BELOW 1741A-1A 1741A-2 1741A-3 1741A-5 1741A-6 1741A-7 1741A-8 1741A-9 1741A-11 1741A-11 1741A-12-S 1741A-13A CONT'D 1741A-14 CONT'D	JAN77 01741-90905
1741A-002	OPER NOTE	APR79 01741-90913 MAY79 01741-90813 8L 01 08 01

11/08/85 MODEL (NUMBER (LITERATURE TYPE	H/C H/C PART Date Number *** Description	PAGE 84 FICHE FICHE PART M P D P DATE NUMBER L T V G N *** DESCRIPTION *** DESCRIPTION ***
1741A-003 1741A-005	OPER NOTE OPER NOTE OPER NOTE	MAY79 01741-90914 SEP78 5955-5008 FEB80 5955-6283	JUL79 01741-90814 8L 01 08 01 JAN79 5955-5009 * 8L 01 08 01 USE 1741A-005 FICHE 5955-6284 APR80 5955-6284 8L 01 08 01

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		1741A-1		JUN84 WN	SER 2017A	B BELOW AND	20026 &	BELOW.MOD	TO ELIM HOR	Z JITTER	INTENSITY	FILICKER & PWR	
		CONT'D			SUPLY CONN	DISCOLORING							
١	1741A-002	OPER NO	TE	APR79 01	741-90913	MAY79 017	741-90813	3 8L 01 08	01				1 1

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11/08/85 MODEL NUMBER 1934A 195A 1950A 196A 196A/B 1965A 197A 197A-001 197A-008 197A/198A

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11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	PAGE 84 H/C PART FICHE FICHE PART M P D P NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1741A-003	OPER NOTE	MAY79	01741-90914 JUL79 D1741-90814 8L 01 08 01
1741A-005	OPER NOTE OPER NOTE		5955-5008 JAN79 5955-5009 * 8L 01 08 01 USE 1741A-005 FICHE 5955-6284 5955-6283 APR80 5955-6284 8L 01 08 01
1741A-101	OPER & SERV MAN OPER & SERV MAN	6.7	01741-90915 JUN80 01741-90815* 8L 01 08 03 USE FICHE 01741-90819 01741-90919 SEP82 01741-90819 8L 01 08 03
17424	CPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUL78 FEB83	01742-90901 MAY78 D1742-90801* 8L 01 08 03 USE 1742A FICHE 01742-90803 01742-90903 MAY83 D1742-90803 8L 01 08 03 INCL. OPT 001,090,101/2,580,900/1/2/6 01742-90903 0CT84
	1740A-3B 1742A-1A 1742A-2 1742A-37 1742A-4 1742A-5A 1742A-6 CONT'D	JUL78 NOV80 NOV80 JAN82 JAN82 JAN83	WN ALL SER.MOD FOR CONVERTING STD 1742A TO OPT 101 WO SER PFX 1807A.MOD TO PREVENT FALSE READINGS IN DELAYED SWEEP "TRIG'D" MODE. WN ALL SER.IMPR CONN MATING REL BETWEEN A3 VERT PREAMP & A5 VERT OUTPUT PC BDS WO SER 2021A02056 & BELOW; PREF REPL FOR A9R5 RESIST IN THE DELAYED SWEEP INTEGRATOR WO SER 2021A01121 TO 2021A01952.REPL FOR CAP A16C21 IN +120 PWR SUPPLY WO SER 2021A & BELOW.CORREC LOW BANDWOTH & SLOW RISETIME WN SER 2021A & BELOW.MOD TO ELIM HORZ JITTER INSTENSITY FLICKER & PWR SUPLY CONN DISCOLORING
1742A/005	OPER NOTE	ост80	01742-90905 FEB81 01742-90805 8L 01 08 01
1743A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE OPERATOR'S GUIDE SERV NOTE SET BELOW	MAY78 JUN83 MAR80	01743-90902 APR78 01743-90802* 8L 01 08 03 USE 1743A FICHE 01743-90805 01743-90905 AUG83 01743-90805 8L 01 08 03 01743-90905 JUN80 01743-90806 8L 01 08 02 0CT84
	1740A-38 1743A-1 1743A-2 1743A-3 1743A-4 1743A-5 1743A-6A 1743A-7 CONT'D	NOV77 NOV77 SEP80 JAN82 JAN82 JAN83	WN ALL SER.MOD FOR CONVERTING STD 1743A TO OPT 101 WO SER BELOW 1740A.MOD TO ELIM INTERMITTENT VERT & HORIZ JITTER WO ALL SER.PREF REPL FOR INPUT FETS WN ALL SER.MOD TO IMPR CONNECTOR MTNG REL BETWEEN A3 VERT PREAMP & A5 VERT OUTPUT PC BD WO SER 2034A01538 & DELOW; PREF REPL FOR A9R5 RESIST IN THE DELAYED SWEEP INTEGRATOR WO SER 2034A01220 TO 2034A01512.REPL FOR CAP A16C22 IN +120V PWR SUPPLY WO SER 2236A & BELOW.CORREC LOW BANDWOTH & SLOW RISETIME WN SER 2036A & BELOW.MOD TO ELIM HORZ JITTER INSTENSITY FLICKER & PWR SUPLY CONN DISCOLORING
1744	1744A-7	JUL82	WO ALL SER. TO CORREC LOW BANDWOTH & SLOW
1744A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	DEC79 FEB83	01744-90901 AUG79 01744-90801* 8L 01 08 03 USE 1744A FICHE 01744-90803 01744-90903 MAY83 01744-90803 8L 01 08 03 01744-90903 0CT84
	1744A-1 1744A-2 1744A-3 1744A-4 CONT'D 1744A-5-S 1744A-6	SEP79 FEB81 JAN82 JAN82 MAR82 JUN82	WN SER 1915A & BELOW.MOD TO REDUCE "WRITE-THROUGH"&DEFOCUSING WO SER 2014A & BELOW.MOD THAT IMPROVES CRT REL WO SER 2109A02038 & BELOW.PREF REPL FOR A9R5 RESIST IN THE DELAYED SWEEP INTEGRATOR NO SER 2019A01149 TO 2019A01199; 2014A01200 TO 2014A01448; 2052A01449 TO 2052A0548; 2109A 01549 TO 2109A01948.MOD TO REDUCE LOWVOLTAGE PWR XFMR FAILURE WA ALL SER.POSS SAFETY HAZ ON MULTI INPUTS ON 1744A WITH OPT 034, 035, H04, &H06 WO ALL SER.PREF REPL FOR A16CR3 BRIDGE RECTIFIER
	1744A-6 1744A-7A 1744A-8 CONT'D	JAN83	WO ALL SER.PREF REPL FOR A16CR3 BRIDGE RECTIFIER WO SER 2109A & BELOW.CORREC LOW BANDWDTH & SLOW RISETIME WN SER 2109A & BELOW.MOD TO ELIM HORZ JITTER INSTENSITY FLICKER & PWR SUPLY CONN DISCOLORING

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17 45 A	OPER & SERV MAN MAN CHANGE OPER GUIDE SERV NOTE SET BELOW 1745A-1	SEP82 01745-90901	

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197B-001

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1978-003

1/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 85 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08/85 Model Number
745A		SEP82 01745-90901	1976-001
		DEC82 01745-90902 FEB82 01745-90802 8L 01 08 01 APR83	1978-002
		JAN83 WO SER 2248A & BELOW.CORREC LOW BANDWDTH & SLOW RISETIME	1978-003
745A-005 746A		NOV82 01745-90903 JAN83 01745-90803 8L 01 08 01 SEP82 01746-90901 JUN83 01746-90801 8L 01 08 03	197B-006
		MAR83 01746-90901 DEC82 01746-90902 FEB82 01746-90802 8L 01 08 01	17/5-08
	OPER & SERV MAN SERV NOTE SET BELOW	MAR83 01726-90903 MAY83 01726-90803 8L 01 08 05 APR83	1978-007
	1746A-1	JAN83 WO SER 2229A & BELOW.CORREC LOW BANDWOTH & SLOW RISETIME	
746A-005	OPER NOTE	NOV82 01746-90903 JAN83 01746-90803 8L 01 08 01	198A
75A	OPER & SERV MAN MAN CHANGE OPER & SERV MAN	FEB63 175A-901 NOV71 175A-801 01 08 03 FOR SER PFX 235 DEC64 175A-901 MAR67 175A-904 JUN70 175A-804 01 08 03 FOR SER PFX 344 & ABOVE	1980A
750	175A-1 175A-2 175A-3 175A-4 175A-5 175A-6 175A-7 175A-8 175A-9 175A-10 175A-10 175A-12 175A-12 175A-13 175A-13	- NOT AVAILABLE - OUT	1980A/B
750A	OPER & SERV MAN MAN CHANGE A MAN CHANGE B	APR63 1750A-902 SEP75 1750A-802 8L 01 08 01 JAN66 1750A-902 FEB64 1750A-902	
17508	OPER & SERV MAN SERV NOTE SET BELOW 1750B-1 1750B-2 1750B-3 1750B-4	JANOO 01750-90903 APR75 01750-90803 01 08 02 MAY78 - SER BELOW 435-00176.MOD TO INCREASE FREQUENCY RESPONSE NOV65 SER BELOW 543-00616.MOD IMPR DC STABILITY OF B TRIGGER OUT AMPLIFIER OCT65 SER 516-00426 + UP.SELECT TRANSTR REPL FOR OPTIMUM PULSE RESPONSE NOV65 SER BELOW 516MOD TO IMPR DC BAL	1980B
17500A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 17500A-1	MAR69 17500-90001 JUN81 17500-90051 8L 01 11 01 MAR81 17500-90001 OCT81 NOV68 WA SER BELOW 833MOD TO EMPROVE RELIABILITY & POWER RATING OF THE CHOPPER CIRCUIT	19807A
7501A	OPER & SERV MAN MAN CHANGE	MAR77 17501-90002 JUL78 17501-90052 8L 01 11 01 MAY78 17501-90002	19810A

OCT81
17501A-1/17503A-1 DEC66 SER BELOW 647.REC CHOPPER REPL
17501A-2A/17503A-2A JUN81 WN SER BELOW 717-.MOD TO PERMIT OPER WITH 7100B & 7128A ELECTRIC WRITING RECORDERS
17501A-3 NOV68 WA SER BELOW 828-.MOD TO IMPROVE RELIABILITY & POWER RATING OF THE CHOPPER CIRCUIT

OCTRI

JAN79 17502-90050 8L 01 11 01

JAN83 WO SER 2109A & BELOW.CORREC LOW BANDWDTH & SLOW RISETIME
JUN84 WN SER 2109A & BELOW.MOD TO ELIM HORZ JITTER INSTENSITY FLICKER & PWR SUPLY CONN
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17501A	OPER & SERV MAN MAN CHANGE	MAR77 17501-90002 JUL78 17501-90052 8L 01 11 01 MAY78 17501-90002	19810A
11/08/85 Model Number	O LITERATURE C TYPE	PAGE 86 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08/85 MODEL NUMBER
17501A	SERV NOTE SET BELOW 17501A-1/17503A-1 17501A-2A/17503A-2A 17501A-3	OCT81 DEC66 SER BELOW 647.REC CHOPPER REPL JUN81 WN SER BELOW 717MOD TO PERMIT OPER WITH 7100B & 7128A ELECTRIC WRITING RECORDERS NOV68 WA SER BELOW 828MOD TO IMPROVE RELIABILITY & POWER RATING OF THE CHOPPER CIRCUIT	19811A 19860A
17502A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 17502A-1 17502A-2 17502A-3-8	DEC67 17502-90000 JAN79 17502-90050 8L 01 11 01 SEP76 17502-90000 OCT81 NOV68 WA SER BELOW 828MOD TO IMPROVE RELIABILITY & POWER RATING OF THE CHOPPER CIRCUIT JUN71 WN SER BELOW 908.MOD FOR OPER WITH 17505A OR 17506A APR76 WA SAFETY.SER BELOW 2320.ELIMINATION OF POTENTIAL SHOCK HAZARD	2D-2A
17503A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 17501A-1/17503A-1 17501A-2A/17503A-2A 17503A-3	DEC67 17503-90000 OCT77 17503-90050 8L 01 11 01 AUG77 17503-90000 OCT81 DEC66 SER BELOW 647.REC CHOPPER REPLACEMENT JUN81 WN SER BELOW 717.MOD TO PERMIT OPERATION WITH 7100B/7128A ELECTRIC WRITING RECORDERS NOV68 WA SER BELOW 834MOD TO INCREASE RELIABILTY & POWER RATING OF CHOPPER CIRCUIT	2D-3 2D/2FA
17504A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 17504A-1	SEP68 17504-90001 APR85 17504-90051 8L 01 11 02 MAY72 17504-90001 OCT81 NOV68 WA SER BELOW 00381.MOD TO INCREASE RELIABILITY & POWER RATING OF CHOPPER CIRCUIT	
17505A	OPER & SERV MAN Man Change	APR79 17505-90000 MAR80 17505-90050 8L 01 11 02 SEP79 17505-90000	
17506A	OPER & SERV MAN MAN CHANGE	APR79 17505-90000 MAR80 17505-90050 8L 01 11 02 SEP79 17505-90000	
1751A	OPER & SERV MAN SERV NOTE SET BELOW 1751A-1	FEB64 01751-99002 AUG77 01751-99802 8L 01 08 01 MAY78 JUL64 SER BELOW 427-00391.MOD IMPR GAIN STABILITY	2DR
1752A	OPER & SERV MAN Man Change	JUN62 1752A-900 SEP72 1752A-800 01 08 01 DEC63 1752A-900	2D4/2DR4 2FA/2FRA
17528	OPER & SERV MAN SERV NOTE SET BELOW 1752B-1 1752B-2	OCT65 01752-90903 JAN78 01752-90803 8L 01 08 01 MAY78 OCT65 SER BELOW 516.MOD TO ELIMINATE OSCILLATIONS IN NORMAL MODE OCT65 ALL SER.MOD TO IMPR DC STABILITY	2FAM/2FRA
17544	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1754A-1 1754A-2 1754A-3A 1754A-4	JUN64 01754-99002 FEB71 01754-99802 01 08 02 OCT67 01754-99002 MAY78 NOT AVAILABLE NOT AVAILABLE DEC65 SER BELOW 442-00351.MOD TO INCREASE TRIGGERING RELIABILITY JAN66 SER BELOW 550MOD IMPR DC STAB OF TRIGGER OUT AMPLIFIER	2FR 2S 20-A
1755A	OPER & SERV MAN SERV NOTE SET BELOW 1755A-1	OCT67 01755-90904 MAY75 01755-90804 01 08 02 May78 Mar66 Impr B Trigger out DC Stability	200A 200A/B
17550A	OPER & SERV MAN	DEC66 D5700-90000 NOV74 D5700-90050 01 11 02	

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	DATE NUMBER D	ATE NUMBER	M P D P L T V G Description ***	PAGE 87 DESCRIPTION *** DESCRIPTION ***
17551A	OPER & SERV MAN	DEC66 05700-90000 N	0 V74 05700-90050	01 11 02	
17552A	OPER & SERV MAN	DEC66 05700-90000 N	0V74 05700-90050	01 11 02	
17553A	OPER & SERV MAN	DEC66 05700-90000 N	0V74 05700 - 90050	01 11 02	
17554A	OPER & SERV MAN	DEC66 05700-90000 N	0 V74 05700-90050	01 11 02	

11/08/85 MODEL NUMBER 0 OPER & SERV N 2008-1 200B 200C OPER &

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPT	FICHE DATE ION ***	NUMBER	L	T	D P V G IPTI	그런데 그리는 병사 그리는 다른 사람들이 되었다. 그는 사람들이 나는 사람들이 되었다. 그리는 사람들이 사람들이 되었다.	
7551A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02		
7552A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02		
7553A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02	고 있는 일이 있는 일이 되는 것을 가고 있는 것이 되는 것이 되었다. 일이 유명되는 경우 등이 기계를 보면 되었다.	
17554A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02	가는 이에 되는 것으로 보고 있다. 그는 말을 사용하는데 이 사람들은 모임하다. 본다는 하는 것으로 모임되는 사람들이 모임하는 것이다. 그리고 있다고 모르게	
7555A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02	에 가끔 이 경기에게 하루 등 보다는 것으로 하는 것으로 되었다. 3000년 전 1000년 1일	
7556A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02		
17557A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02		
17558A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01, 1	1 02	요하는 이 등에 되어 있다. 그런 하는 물에 들어 살려고 있는 다양이 되었다. 나는 것은 요즘 물에 되었다면 보는 것이 없는데 하는데 말을 하게 되는 것이다.	
7559A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02	도면하는 이 없는 것이 되었다. 그는 그런 사람들은 이 전에 되었다. 1972년 - 이 대한 1985년 - 대한 대한 경기를 보고 있는 것이 되었다.	
7560A	OPER & SERV MAN	DEC66	05700-90000	NOV74	05700-90050		01 1	1 02	도 발생들이 있는데 말에 있는 말로 있다. 하는데 이번 프랑이에 보고 말로 하는데 모든데? 보고 있는데 당하를 한 경투에 하고 그를 보고 있습니다. 그들은 다른데 이 그렇게 되어 걸	
7580A	USER'S GUIDE Install Guide		17580-90000 17580-90001	MAY81 JUN81	17580-90050* 17580-90051*	8L 8L	01 1 01 1	1 01 1 01	USE 17580A FICHE 17580-90052 USE 17580A FICHE 17580-90053	
7603A	SERV NOTE SET BELOW 17603A-1	N0V81	WO SER 2134A	APR82	ROM REPL OF U	J29 &	U3 0			
7604A	SERV NOTE SET BELOW 17604A-1		WN SER 2139A.	JUL82 REC U29		E CH	ANGE	TO	IMPR PERF	
780A	OPER NOTE	SEP65	1780A-900	APR70	1780A-800		01 0	8 01		
781B	OPER & SERV MAN	OCT65	17818-902	ОСТ70	01781-802		01 0	8 02		
1782A	OPER & SERV MAN SERV NOTE SET BELOW 1782A-1	FEB64 MAY64	1782A-901 SER BELOW	MAY78			01 0		NGE OF EXT HORIZONTAL LEVEL ADJ	
783A	OPER & SERV MAN		1783A-901		1783A-801		'''- 01 0			
784A	OPER & SERV MAN		01784-90902		01784-90802				하늘이 모양 전한 물질 경험 보는 것 같은 프로인 그리고 있다고 있다.	
7950A	OPER & SERV MAN		17950-90000		17950-90050					
180A-H03	OPER & SERV MAN MOD OPER & SERV MAN MOD			FEB81	00180-90823	8L	01 0	8 01	SER PFX 967- OR BELOW SER PFX 975- AND HIGHER	
180A/AR	OPER & SERV MAN MAN CHANGE MAN CHANGE UK OPER & SERV MAN MAN CHANGE	MAY70 AUG70 APR70	00180-90911 00180-90911 00180-90911 00180-90914 00180-90914	DEC84	00180-90811 00180-90814	8 L	01 0	8 02		
	SERV NOTE SET BELOW 180A-1 180A/AR-3A	JUN67 MAR70	WN SER BELOW WO SER BELOW	APR84 721-IMPR 822-0419	SIDE COVER R	ED V	ERTI ADJ	CAL RAN	TRACE DRIFT DUE TO AMBIENT AIR CIR GE + PREV HV OSC'L DOUBLE MODING	

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		사용 등에 하지 않는 것이 되었다. 이 사용 등에 가장 하지만 하는 것이 되었다. 그런 사용 등에 가장 함께 되었다. 이 사용을 받는 것이 되었다. 	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 88
180A/AR	180A/AR-4 CO5-180A-5 180A/AR-U-6U 180A/AR-6A 180A/AR-7 180A/AR-8 180A/AR-9	APR69 WA SER BELOW 822.REC REPL FOR R204 AUG69 WO PREF REPL FOR SER REG TRANSISTORS APR70 WO SER BELOW 0939.PREF REPL FOR R126 + R310 APR70 WO ALL SER.PREF REPL FOR R126 + R310 SEP69 WO PREF REPL FOR Q104 + ADD OF R122 IN GATE AMPLIFIER MAR70 WO GATE AMPLF RELIABILITY MODIFICATIONS JUN72 WO ALL SER PREF REPL OF R305	
	180A/AR-10 180A/AR-11 180A/AR-12 180A/F-13	MOV72 WN ALL SER.PROC INSTALL OPT 807, REAR-PANEL CONNECTIONS MAR79 WO ALL SER.MOD TO IMPROVE +100V POWER SUPPLY STABILITY JAN80 WN ALL SER.PROC TO REUSE OLD LIGHT MASK WHEN REPL A CRT NOV83 WN ALL SER.PROC NEW CARRYING MANDLE	

OPER & 200C 200CD OPER & SERV NO 200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-1200CD-12 OPER & 200D OPER & MAN CH 200H SERV NO 2001-1 200I OPER & 2001 OPER & 200T 201B SERV NO 2018-1 OPER & MAN CH/ SERV NO 201C-1 201C SERV NO 202A-66 202A OPER & MAN CH/ INSTRUC INSTRUC INSTRUC INSTRUC OPER & SERV NO 2020-2/ 202D

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 88 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G
		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
80A/AR	180A/AR-4 CO5-180A-5 180A/AR-U-6U 180A/AR-6A 180A/AR-7 180A/AR-8 180A/AR-9 180A/AR-10 180A/AR-11 180A/AR-12 180A/F-13	APR69 WA SER BELOW 822.REC REPL FOR R204 AUG69 WO PREF REPL FOR SER REG TRANSISTORS APR70 WO SER BELOW 0939.PREF REPL FOR R126 + R310 APR70 WO ALL SER.PREF REPL FOR R126 + R310 SEP69 WO PREF REPL FOR Q104 + ADD OF R122 IN GATE AMPLIFIER MAR70 WO GATE AMPLF RELIABILITY MODIFICATIONS JUN72 WO ALL SER PREF REPL OF R305 NOV72 WN ALL SER.PROC INSTALL OPT 807, REAR-PANEL CONNECTIONS MAR79 WO ALL SER.MOD TO IMPROVE +100V POWER SUPPLY STABILITY JAN80 WN ALL SER.PROC TO REUSE OLD LIGHT MASK WHEN REPL A CRT NOV83 WN ALL SER.REC NEW CARRYING HANDLE
180C	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	SEP71 00180-90915 MAY74 00180-90815* 01 08 03 USE 180C FICHE 00180-90835 AUG76 00180-90935 MAR84 00180-90835 8L 01 08 03 SEE TIYLE PAGE FOR OPTIONS COVERED JAN84 00180-90935
180C/D	SERV NOTE SET BELOW 180C/D-1 180C/D-2 180C/D-3 180C/D-4 CONT'D 180C-5	APR84 NOV71 WO 180C SER 1125A00140 + BELOW.180D SER 1125A00115 + BELOW.IMPR ALTERNATE OPERATION NOV72 WN ALL SER.INSTALL REAR PANEL CONN OPTION 807 MAR79 WO ALL SER.MOD TO IMPROVE +100V POWER SUPPLY STABILITY DEC79 WN 180C:SER 1935A02765 ₺ BELOW.180D:SER 1921A03710 & BELOW.PROC TO REUSE OLD LIGHT MASK WHEN REPL CRT NOV83 WN SER 1935A.REC NEW C/RRYING HANDLE
180D	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	SEP71 00180-90915 MAY74 00180-90815* 01 08 03 USE 180D FICHE 00180-90835 AUG76 00180-90935 MAR84 00180-90835 8L 01 08 03 SEE TITLE PAGE FOR OPTIONS COVERED JAN84 00180-90935
180ER	OPER & SERV MAN Man Change	MAR70 00180-90913 0CT81 20180-90813 8L 01 08 02 AUG81 00180-90913
180F	OPER & SERV HAN Man Change	NOV69 00180-90910 NOV83 00180-90810 BL 01 08 02 AUG83 00180-90910
180K	OPER & SERV MAN MAN CHANGE	MAR70 00180-90912 APR71 00180-90812 01 08 02 MAR71 00180-90912
180T/TR	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	FEB75 00180-90931 APR75 00180-90831* 01 08 03 USE 180T/TR FICHE 00180-90834 AUG76 00180-90934 FEB85 00180-90834 8L 01 08 02 OCT84 00180-90934
	SERV NOTE SET BELOW 180T/TR-1 180T/TR-2	APR80 MAR79 WO ALL SER.MOD TO IMPROVE +100V POWER SUPPLY STABILITY DEC79 WN SER 1944A01140 & BELOW.PROC TO REUSE OLD LIGHT MASK WHEN REPL CRT
180T/TR-003	OPER & SERV MAN MAN CHANGE	AUG76 00180~90934 FEB85 00180-90834 8L 01 08 02 0CT84 00180-90934
180T/TR-580	OPER & SERV MAN MAN CHANGE	AUG76 00180-90934 FEB85 00180-90834 81. 01 08 02 0CT84 00180-90934
18002A	OPER & SERV MAN	AUG83 18002-90007 OCT85 18002-90003 8L 01 38 01
18003A	OPER & SERV MAN	JUN70 18003-90004 OCT85 18003-90005 8L 01 38 01
1801A	OPER & SERV MAN	FEB68 01801-90903 SEP72 01801-90803 01 08 02 FOR SERIAL PFXES 716 & BELOW

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	토르알 레이지 살림됐	202H-8
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1801A	MAN CHANGE	MAY68	01801-90903 SEP72 01801-90803 01 08 02
	OPER & SERV MAN		01801-90905 FEB85 01801-90805 8L 01 08 02 FOR SERIAL PFXES 828 & ABOVE
	MAN CHANGE		01801-90905
	OPER & SERV MAN	SEP76	01801-90916 DEC76 01801-90816 8L 01 08 02
	SERV NOTE SET BELOW		본 (사용의 기업) 1. 1. 1. 1. 14478년 (1. 1822) 1. 18일 1일
	1801A-1B	JAN68	SER BELOW 714-01400.MOD IMPR SYNC AMPLIFIER LINEARITY
	1801A-2	APR67	SER 614-00400 & DOWN.MOD TO EQUALIZE TUP & -UP PULSE RESPONSE
	1801A-3	APR67	SER BELOW 644 MOD FOR MORE PRECISE VERTICAL POSITION
	1801A=4	APR67	SER BELOW 715 MOD TO INCREASE RESOLUTION OF CAL POTENTIOMETER
	1801A-5	MAY67	SER BELOW 644 MOD TO PERMIT OPER WITH 1820A OR 1821A TIME BASES WITH SER 640 & UP
	1801A-6B	SEP69	

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 89 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
801 A		MAY68 01801-90903 SEP72 01801-90803 01 08 02 NOV68 01801-90905 FEB85 01801-90805 8L 01 08 02 FOR SERIAL PFXES 828 & ABOVE DEC69 01801-90905 SEP76 01801-90916 DEC76 01801-90816 8L 01 08 02 MAY78
	1801A-1B 1801A-2 1801A-3 1801A-4 1801A-5 1801A-6B	JAN68 SER BELOW 714-01400.MOD IMPR SYNC AMPLIFIER LINEARITY APR67 SER 614-00400 & DOWN.MOD TO EQUALIZE TUP & -UP PULSE RESPONSE APR67 SER BELOW 644MOD FOR MORE PRECISE VERTICAL POSITION APR67 SER BELOW 715MOD TO INCREASE RESOLUTION OF CAL POTENTIOMETER MAY67 SER BELOW 644MOD TO PERMIT OPER WITH 1820A OR 1821A TIME BASES WITH SER 640 & UP SEP69 WA SER BELOW 828. MOD TO IMP TRIGGERING IN CHOP MODE
801F	OPER & SERV MAN MAN CHANGE	FEB70 01801-90906 JUN82 C1801-90806 8L 01 08 02 APR82 01801-90906
8016A	OPER NOTE	AUG77 18016-90001 NOV77 18016-90002 8L 01 38 01
802A	OPER & SERV MAN SERV NOTE SET BELOW	FEB71 01802-90903 0cT84 01802-90803 8L 01 08 02 MAY78
	1802A-1	OCT68 WA MOD OPER WITH 1820A/1821A TIME BASES
8020A	OPER & SERV MAN	MAR77 18020-90001 MAR77 18020-90002 8L 01 38 01
021A	OPER & SERV MAN	APR82 18021-90001 SEP84 18021-90002 8L 01 38 01
023A	OPER NOTE	AUG77 18016-90001 NOV77 18016-90002 8L 01 38 01
024A	OPER NOTE	AUG77 18016-90001 NOV77 18016-90002 8L 01 38 01
803A	OPER & SERV MAN MAN CHANGE	APR72 01803-90904 APR85 01803-90804 8L 01 08 02 MAY75 01803-90904
	SERV NOTE SET BELOW 1803A-1	OCT83 MAY83 WN ALL SER.REC REPL S3 THUMBSHEEL SWTCH ASSY
80 4A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUN71 01804-90903 APR74 01804-90803* 01 08 02 USE 1804A FICHE 01804-90804 JUL76 01804-90904 AUG83 01804-90804 8L 01 08 02 FEB80 01804-90904
	SERV NOTE SET BELOW 1804A-1 1804A-2	MAY78 - WA 1820A SER BELOW 624-00150.1821A SER BELOW 630-00500.MOD PERMIT USING IN 1804A DEC68 SER BELOW 838MOD IMPR PULSE RESPONSE WITH POSITION CHANGE
8043A	OPER NOTE MAN CHANGE	APR75 18043-90006 NOV77 18043-90007 8L 01 38 01 FEB77 18043-90006
	SERV NOTE SET BELOW 18043A-1-S	APR85 MAR84 WA SAFETY.ALL SER.DETECT SLIPPING OUT OF MOUNT
8044A	OPER NOTE	APR70 18044-90000 SEP71 18044-90016 01 38 01
8044B	OPER NOTE	APR70 18044-90000 SEP71 18044-90016 01 38 01
805A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	DEC75 D1805-90902
	SERV NOTE SET BELOW 1805A-1	

SET BELOW SEP72 WO SER BELOW 1233A.REPL FOR A6U1 + A6U2
V MAN DEC75 D1805-90902 JAN76 D1805-90802* 8L D1 D8 D2 USE 1805A FICHE D1805-90903 V MAN JUN76 D1805-90903 NOV83 D1805-90803 8L D1 D8 D2 JUN83 D1805-90903
APR70 18044-90000 SEP71 18044-90016 01 38 01
APR70 18044-90000 SEP71 18044-90016 01 38 01
APR85 MAR84 WA SAFETY.ALL SER.DETECT SLIPPING OUT OF MOUNT
APR75 18043-90006 NOV77 18043-90007 8L 01 38 01 FEB77 18043-90006
MAY78 - WA 1820A SER BELOW 624-00150.1821A SER BELOW 630-00500.MOD PERMIT USING IN 1804A DEC68 SER BELOW 838MOD IMPR PULSE RESPONSE WITH POSITION CHANGE
V MAN JUN71 01804-90903 APR74 01804-90803* 01 08 02 USE 1804A FICHE 01804-90804 V MAN JUL76 01804-90904 AUG83 01804-90804 8L 01 08 02 FEB80 01804-90904
SET BELOW MAY83 WN ALL SER.REC REPL S3 THUMBSHEEL SWTCH ASSY
/ MAN APR72 01803-90904 APR85 01803-90804 8L 01 08 02 MAY75 01803-90904
AUG77 18016-90001 NOV77 18016-90002 8L 01 38 01
AUG77 18016-90001 NOV77 18016-90002 8L 01 38 01
/ MAN APR82 18021-90001 SEP84 18021-90002 8L 01 38 01
/ MAN MAR77 18020-90001 MAR77 18020-90002 8L 01 38 01
MAY78 OCT68 WA MOD OPER WITH 1820A/1821A TIME BASES
/ MAN FEB71 01802-90903 0CT84 01802-90803 BL 01 08 02
APR82 01801-90906 AUG77 18016-90001 NOV77 18016-90002 8L 01 38 01
MAN FEB70 01801-90906 JUN82 C1801-90806 BL 01 08 02
MAN

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2040	:-H20	MAN CHANGE OPER & SER INSTALL NO
2040		OPER & SER MAN CHANGE OPER & SER OPER MOTE INSTALL NO INSTALL NO SERV NOTE 204D-1 204D-2 204D-3 204C/D-3B CONT'D 204C/D-4 CONT'D
205 <i>/</i> 205 <i>/</i>	A/AG	CPER & SER SERV NOTE 205A/AG-1B 205A/AG-2B 205A/AG-3 205AG-4 205AG-5
205 <i>(</i> 205 <i>(</i>		OPER & SER OPER & SER INSTRUCT &
207/ 207/		OPER INSTR OPER & SER MAN CHANGE OPER & SER
207		INST MAN MAN CHANGE SERV NOTE 207H-1
207		SERV NOTE 2070A-1 OPER & SER MAN CHANGE
209		OPER & SER MAN CHANGE OPER NOTE INSTALL NO SERV NOTE

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
1805A	1805A-2	AUG82 WN SER 1409A & BELOW.PRE PREL FOR A9T1	
1805A - 003	OPER & SERV MAN OPER & SERV MAN	DEC75 01805-90902	
18053A	OPER NOTE	JUN78 18053-90003 JAN79 18053-90004 8L 01 38 01	
1806A	OPER & SERV MAN Man Change	JAN71 01806-90901 FEB85 01806-90801 8L 01 08 02 MAR73 01806-90901	
1807A	OPER & SERV MAN Man Change	DEC71 01807-90901 OCT84 01807-90801 8L 01 08 02 JUL75 01807-90901	
1808A	OPER & SERV MAN	FEB73 01808-90902 OCT84 01808-90802 RI 01 08 02	

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2094			20 20	9A-1 9A-2 9A-3	
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210A			20	9A-8	
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11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTIO	FICHE DATE N ***	NUMBER	L	T	V	PAG G PTION *** DESCRIPTION *** DESCRIPTION *	E 90
1805A	1805A - 2	AUG82	WN SER 1409A &	tif ill magri	됐다. 얼마에 나는 얼마 말하는데	14.74		WTL	FITON DESCRIPTION DESCRIPTION	
1805A-003	OPER & SERV MAN OPER & SERV MAN	DEC75	01805-90902 01805-90903	JAN76		8L	01	80 80	02 USE 1805A-003 FICHE 01805-90803 02	
18053A	OPER NOTE	JUN78	18053-90003	JAN79	18053-90004	8L	01	38	.01	
1806A	OPER & SERV MAN Man Change		01806-90901 01806-90901	FEB85	01806-90801	8L	01	80	02	
1807A	OPER & SERV MAN Man Change		01807-90901 01807-90901	OCT84	01807-90801	8L	01	80	02	
1808A	OPER & SERV MAN Man Change		01808-90902 01808-90902	OCT84	01808-90802	8L	01	80	02	
18080A	OPER NOTE	MAY74	18080-90001	SEP85	18080-90002	8L	01	38		
18081A	OPER NOTE	MAY74	18080-90001	SEP85	18080-90002	8 L	01	38	01	
18082A	OPER NOTE	MAY74	18080-90001	SEP85	18080-90002	8L	01	38	01	
1809A	OPER & SERV MAN MAN CHANGE	a contract to the contract of	01809-90903 01809-90903	AUG83	01809-90803	8L	01	80	02	
181A/AR	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	SEP76 MAR81	00181-90905 00181-90916 00181-90916		00181-90805* 00181-90816		01 01	80 80	03 USE 181A/AR FICHE 00181-90816 02	
	181A-1 5451C-2A 181A/AR-3 181A/AR-4 181A/AR-5 181A/AR-6 181A/AR-7	APR69 MAR70 MAR70 SEP72	WN SPECIAL BOTT WO SER BELOW 84 WA SER BELOW 93 WO SER BELOW 93 WO PREF REPL FO WO ALL SER.PREF	FOR REDM COV B.MOD D.REC 6-0182 R A1R2	PLACEMENT OF ER TO ELIM EL TO PREV STORI REPL FOR A3R4 6(181A) + 936 O FOR A1R50	ECTR NG 1 -019	ROMA IN N	GNE IORM 181	ETIC INTERENCE MAL MODE 1AR).GATE AMPLF REL MOD	
	181A/AR-9 181A/AR-10 CONT'D 181A-11 181A/AR-12	APR81	WO ALL SEK.MOD WO 181A SERS 20 + OR -100V S WN SER 2045A.RE	IO IMP 45A & UPPLIE C NEW	ROVE +100V PO BELOW;181AR S S Carrying Hand	WER ERS	SUP 204	PLY 3A	& BELOW.PREF REPL V REF TUBE FOR ABV1/	V2 IN
181T/TR	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JAN75 MAY76 MAR81	00181-90913 00181-90915 00181-90915	MAY75 MAY81	00181-90813* G0181-90815		01	08	BELOW-REC REPL FOR A6 PULSE BD ASSY 03 USE 181T/TR FICHE 00181-90815 02	
	1817/TR-1 1817/TR-2 CONT'D 1817/TR-3	MAR79 DEC80	DAMAGE DURIN UN 181T SER PFX	2034A S SERV 2034A	ROVE +100V PO & BELOW.181T ICE & BELOW.181T	R SE R Se	R P	FX	Y STABILITY 2035A & BELOW.MOD TO PREVENT POTENTIAL 2035A & BELOW.PREF PNS FOR REPL VOLT R	
	CONT'D 181T-4		TUPE IN + OR WN SER 2035A.RE	- 100	V POWER SUPPL	Y				
181T/TR-003	OPER & SERV MAN	MAY76	00181-90915	MAY81	00181-90815	8L	01	80	102	

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MODEL 0	
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2004	
209A	209A-1
	209A-2
	209A-3
	209A-4 209A-5
	209A-6
	209A-7
	209A-8
210A	OPER & SERV
	SERV NOTE SE
	210a 1A
211A	OPER & SERV
	MAN CHANGE
	INSTALL MAN
	MAN CHANGE
	SERV NOTE SE
	2114-1
	2114-2
	211A-3
	211A-4
211B	OPER & SERV
	OPER & SERV
	SERV NOTE SE
	211B-1
	211B-2
	211B-3
2124	OPER & SERV
	OPER & SERV
	SERV NOTE SE
	2124-1
	212A-2A 212A-3A
	212A-4
	212A-5B
	212A-6
	212A-7B
	212A-8
	212A-9B
213A	OPER & SERV
	OPER INSTRUCT
	SERV NOTE SE
	213A~1A
213B	OPER & SERV
	OFER & SERVI
214A	OPER & SERV
	OPER & SERV
	MAN CHANGE
	SERV NOTE SE
	214A-1



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11/08/85 PAGE 91 MODEL 0 LITERATURE H/C H/C PART FICHE PART M P D P FICHE NUMBER C NUMBER TYPE DATE DATE NUMBER LTV6 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 181T/TR-003 MAR81 00181-90915 MAN CHANGE MAY81 00181-90815 8L 01 08 02 1810A OPER & SERV MAN AUG71 01810-90901 DEC75 01810-90801 8L 01 08 03 MAN CHANGE JUN75 01810-90901 SERV NOTE SET BELOW MAY78 1810A-1 FEB74 WN 1810A SER 1246A.1811A SER BELOW 1245A. MARKER DOT INTENSITY MOD 1810A-2 DEC74 WO SER BELOW 1308A. RED MIN DELAY DRIFT 1810A-3 DEC74 WO SER BELOW 1308A.RED TRIG CIR LOCK-UP 18100A SERV MAN JUL72 18100-90011 NOV77 18100-90012 8L 01 38 01 JAN77 18100-90011 MAN CHANGE OPER NOTE AUG72 18100-90013 OCT85 18100-90014 8L 01 38 01 OPER & SERV MAN 1811A MAY76 01811-90902 MAY85 01811-90802 8L 01 08 02 SERV NOTE SET BELOW MAY78 18114-1 NOT AVAILABLE DEC74 WO SER BELOW 1309A.RED TRIG CIR LOCK-UP 1811A-2 18136A OPER & SERV MAN JUN83 18136-90001 SEP83 18136-90002 8L 01 38 01 1815A/B SERV NOTE SET BELOW **OCT79** 1815A/B-18 DEC74 WA SER BELOW 1241A.REQ MOD IMPR PERFORM SEP70 WN 1815A SER BELOW 978.1815B SER BELOW 975.MOD MAKE 1815A/B + REMOTE SAMPLER USABLE IN 1815A/B-2 CONT'D MODEL 183 OSCILLOSCOPE OCT72 WO 1815A SER BELOW 1130A.1815 SER BELOW 1139A. IMPR 1106A TUNNEL DIODE MOUNT RELIABILITY 1815A/B-3 MAR73 WO SER BELOH 1130A.1815B SER BELOW 1139A. IMPR 1106A TUNNEL DIODE MOUNT RELIABILITY 1815A/B-4 1815A/B/6A OPER & SERV MAN APR69 01816-90901 DEC75 01816-90801 8L 01 08 03 MAN CHANGE JAN75 01816-90901 1815A/B/7A OPER & SERV MAN JAN69 01817-90901 NOV85 01817-90301 8L 01 08 03 MAN CHANGE NOV76 01817-90901 1816A SERV NOTE SET BELOW **OCT79** 1816A-1 DEC69 WA SER BELOW -OC130. MOD IMPR LO FREQ DISTORTION ADJUSTMENT 1818A OPER & SERV MAN MAR77 01818-90902 APR77 01818-90802 8L 01 08 02 182A OPER & SERV MAN OCT70 00182-90901 NOV72 00182-90801 01 08 03 MAN CHANGE AUG72 00182-90901 182A-807 OPER & SERV MAN OCT70 00182-90901 HAR79 00182-90803 8L 01 08 02 MAN CHANGE AUG72 00182-90901 OPER & SERV MAN MOD JANOO 00182-90903 SERV NOTE SET BELOW 182A/C OC785 182A/C-1 NOV72 WN ALL SER. MOD TO INSTALL OPT 807 REAR-PANEL CONNECTIONS MAR79 WO ALL SER. MOD TO IMPROVE +100V POWER SUPPLY STABILITY 182A/C-2 182A/C-4 NOV83 WN SER 1941A & BELOW. REC NEW CARRYING HANDLE 182A-5-5 MAR85 WA SAFETY: ALL SER. POSS HAZ DUE TO INSTR HANDLE BREAKAGE 182C-5-S MAR85 WA SAFETY: ALL SER. POSS HAZ, DUE TO INSTR HANDLE BREAKAGE 182C OPER & SERV MAN FEB74 00182-90906 JUN75 00182-90806* 8L 01 08 03 USE 1820 FICHE 00182-90808 OPER & SERV MAN SEP76 00182-90908 FEB80 00182-90808 8L 01 08 02 MAN CHANGE OCT79 00182-90908

2148-99 2148-99 2148-99 2148-99 2148-99 2148-99 2164 2198

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	MAIN CHAINGE	
182A-807	OPER & SERV MAN MAN CHANGE OPER & SERV MAN MOD	OCT70 00182-90901 HAR79 00182-90803 8L 01 08 02 AUG72 00182-90901 JANDO 00182-90903
182A/C	SERV NOTE SET BELOW 182A/C-1 182A/C-2 182A/C-4 182A-5-S 182C-5-S	OCT85 NOV72 WN ALL SER.MOD TO INSTALL OPT 807 REAR-PANEL CONNECTIONS MAR79 WO ALL SER.MOD TO IMPROVE +100V POWER SUPPLY STABILITY NOV83 WN SER 1941A & BELOW.REC NEW CARRYING HANDLE MAR85 WA SAFETY:ALL SER.POSS HAZ DUE O INSTR HANDLE BREAKAGE MAR85 WA SAFETY:ALL SER.POSS HAZ, DUE TO INSTR HANDLE BREAKAGE
182¢	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	FEB74 00182-90906

1/08/85 MODEL NUMBER	O LITERATURE C TYPE	DATE N	C PART FICH UMBER DATE ESCRIPTION ***	NUMBER	L 1	r v	.G	IPTION *** DESCR	PAGE 92 IPTION ***
82c-001	OPER & SERV MAN MAN CHANGE	SEP76 00182- 0CT79 00182-		0 00182-90808	8L 01	08	02		
82c - 002	OPER & SERV MAN MAN CHANGE	SEP/6 00182- 0CT79 00182-		0 00182-90808	8L 01	08	U2		
82C-003	OPER & SERV MAN MAN CHANGE	SEP76 00182- 0CT79 00182-		0 00182-90808	8L 01	08	02		
82C - 007	OPER & SERV MAN MAN CHANGE	SEP76 00182- 0CT79 00182-		0 00152-90806	8L 01	08	02		
B2C-010	OPER & SERV MAN MAN CHANGE	SEP76 00182- 0CT79 00182-		0 00182-90808	8L 01	08	02		
B2C-011	OPER & SERV MAN MAN CHANGE	SEP76 00182- 0CT79 00182-	* : T	0 00182-90808	8L 01	08 (02		
820-013	OPER & SERV MAN MAN CHANGE	SEP76 00182- 0CT79 00182-		0 00182-90808	8L 01	08	02		
12T	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 182T-1	MAR79 WO ALL NOV83 WN SER	0909 FEB8	PROVE +100V P	8L 01 OWER SU YING HA	PPLY	02 Stability	CHE 00182-90809	
32T - 003	OPER & SERV MAN	MAY76 00182- 0CT79 00182-	0909 FEB8	0 00182-90809				IEAKAGE	
320A	MAN CHANGE SERV NOTE SET BELOW 1820A-1 1820A-2 1820A-3A 1820A-4 1820A-5 1820A-6	JUNAT SER JAN68 SER - WO SER APR69 WA SER MAR70 WO PRE DEC73 WO ALL		COMPATIBILI CENABLE OPER SO.KOD IMPR I EF REPL VR201 ELIM HI FREQ 1, 2, 3, + 4. FOR R249	TY WITH WITH N NT TRIG ZENER OSCIL	IEN VI GE III DICOI	EL 1801A ERT PLUG-INS NG AMP		
8208	MAN CHANGE SERV NOTE SET BELOW 78208-1 18208-2	DEC73 WO ALL		G CAPACITORS FOR A1R84	. 01	08	02		
820C		FEB74 01820-		5 01820-90807 3 01820-90808	* 8L 01	08 (02 USE 1820C F	ICHE 01820-90808	

11/08/85 MODEL NUMBER 2210 2212A 222V 226A 230A 2308 2310C 23114 2312A

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CRIPTION ***

1820A-6 MAR70 WO PREF REPL FOR C301, 2, 3, + 4. 1820A-7 DEC73 WO ALL SER.PREF REPL FOR R249 1820A-8 JUN79 WN ALL SER. PREF REPL FOR TRANSISTOR Q107 1820B OPER & SERV MAN FEB69 01820-90903 OCT70 01820-90803 . 01 08 02 MAN CHANGE JAN70 01820-90903 SERV NOTE SET BELOW **OCT79** MAR70 WO PREF REPL SWP TIME CAPACITORS 78209~1 1820B-2 DEC73 WO ALL SER. PREF REPL FOR A1R84 1820B-3 NOV73 WN ALL SER. IMP SWEEP LENGTH 1820C OPER & SERV MAN FEB74 01820-90907 JUN75 01820-90807* 8L 01 08 02 USE 1820C FICHE 01820-90808 OPER & SERV MAN JUN76 01820-90908 APR78 01820-90808 8L 01 08 02

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2401B/C

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NUMBER

PAGE 78 11/08/85 PAGE 93 MODEL 0 LITERATURE H/C FICHE PART M P D H/C PART FICHE NUMBER C TYPE DATE NUMBER NUMBER DATE LTV RIPTION *** *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1821A OPER & SERV MAN SEP67 01827-90903 OCT74 01821-90803* 01 08 02 USE 1821A FICHE 01821-90804 OPER & SERV MAN JUN68 01821-90904 JUL73 01821-90804* 01 08 03 USE 1821A FICHE 01821-90808 OPER & SERV MAN APR76 01821-90908 FEB82 01821-90808 8L 01 08 02 MAN CHANGE NOV81 D1821-90908 1821A/E/F SERV NOTE SET DELOW **OCT79** SER BELOW 712-. MOD IMPR TRIGGERING AT HI FREQ WITH TEMP CHANGES 1821A-1 JUN67 SER BELOW 712-01550. MOD IMPR TRIGGERING AT EXT SETTING OF VERT POSITION CONTROL 1821A-2C FEB68 SER BELOW 640-MOD KIT TO PERMIT OPER WITH 1801A AMPLER WITH SER 644 + UP 18214-3 MAY67 1821A-4 SER BELCH 630-. MOD ALLOW OPER WITH NEW VERT PLUG-INS JUN67 1821A-5 WO SER BELOW 809-. PREF REPL VR201 + VR203 ZENER DIODES 18214-6 APR69 WA SER BELOW 805-. MOD ELIM HI FREQ OSCIL MAR70 WO ALL SER. PREF REPL OF SHP TIME CAP 1821A-7A 1821A-8 MAR72 WA TRIG MOD COMPUTER FIELD SERV APPLICATIONS HP PRTS KIT NO. 01821-69503 1821A-9 DEC73 WO SER 1821A + 1821F.PREF REPL FOR R223 + R444 JUN79 WN ALL SER. PREF REPL FOR TRANSISTORS Q107 & Q305. 1821A-10 1821F-1 JUN79 WN ALL SER. PREF 1822A OPER & SERV MAN OCT68 01822-90901 MAY75 01822-90801 01 08 02 MAN CHANGE MAR71 01822-90901 SERV NOTE SET BELOW JUL80 MAR70 WO PREF REPL OF SWP TIME CAPACITORS 1822A-1 1822A-2A APR80 WO SER 0907A & BELOW MOD TO IMPROVE REL 1822A-3 DEC73 WO ALL SER. PREF REPL FOR A1R59 + A1R105 1824A OPER & SERV MAN JUN75 01824-90801 DEC71 01824-90901 01 08 02 MAN CHANGE MAR75 01824-90901 1825A OPER & SERV MAN SEP76 01825-90904 DEC76 01825-90804 8L 01 08 02 183A OPER & SERV MAN MAR74 00183-90910 MAY74 00183-90810 01 08 03 183A/B/C/D SERV NOTE SET BELOW JUL70 WA SER 926-00051 THRU 926-00070(183A/B); SER 941-00101 THRU 941-00200(183A); SER 963-183A/B-1 CONT'D 00119 THRU 963-00130(183B).MOD TO IMPROVE CRT RELIABILITY 183A/B/C/D-2A JUN71 WA 183A SER BELOW 1113A, 183B SER BELOW 1112A, 183C SER BELOW 1117A, 183D SER BELOW 1115A. CONT'D IMPR FLDGN CIR REL + POS FLDGN TURN OFF-SUPER 183A/B-2 OCT70 WA SER 941-00101 THRU 958-00357(183A); SER 941-00101 THRU 965-00144(183B). MOD TO IMPR 183A/B-3 CONT'D PULSE RESP OF 1802A IN 183 SYSTEM MAR71 WA SER BELOW 1107A00876(183A); SER BELOW 1108A00386(183B); SER BELOW 1111A(183C); SER 183A/B/C/D-4 BELOW 1190A00128(183D). MOD TO IMPROVE HIGH VOLTAGE REGULATION CONT'D E OUT DETENT AUG71 WA 183A SER BELOW 1109A00951,183B SER BELOW 1108A00386,183C SER BELOW 1120A00114,183D 183A/B/C/D-5 SER BELOW 1115A00138.MOD TO REDUCE INTENSITY FLICKER CONT'D NOV71 WA 183A/8 SER BELOW 1204A,183C SER BELOW 1208A,183D SER BELOW 1134A.MOD TO IMPROVE 183A/B/C/D-6 CONT'D TRIG PERF FOR SINGLE SWEEP OPERATION DEC71 WO 183A/B SER BELOW 1204A.183C/D SER BELOW 1208A.MOD TO IMPRV ALT OPER USING 180 SERIES 183A/B/C/D-7 183A/B/C/D-8 DEC71 WO ALL SER. PREF REPL FOR A7R9 + A7R16 183A/B/C/D-9 FEB72 WO A11A1R6 PREFER REPL CTIVE PROBES 183A/C-10 NOV83 WN ALL SER. REC NEW CARRYING HANDLE 183B OPER & SERV MAN MAR74 00183-90910 MAY74 00183-90810 01 08 03 183C

OPER & SERV MAN 2402A JAN71 00183-90903 JAN75 00183-90803 01 08 03 MAN CHANGE SEP74 00183-90903 11/08/85 PAGE 94 11/08/85 MODEL H/C LITERATURE H/C PART FICHE PART M P D P FICHE MODEL DATE NUMBER TYPE NIMPFD MILMOED

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	CONT'D 183A/B/C/D-6 CONT'D 183A/B/C/D-7 183A/B/C/D-8 183A/B/C/D-9 183A/C-10	NOV71 WA 183A/B SER TRIG PERF DEC71 WO 183A/B SER DEC71 WO ALL SER.PR FEB72 WO A11A1R6 PR	1115A00138.MOD TO REDUCE INTENSITY FLICKER BELOW 1204A,183C SER BELOW 1208A,183D SER BELOW 1134A FOR SINGLE SWEEP OPERATION BELOW 1204A.183C/D SER BELOW 1208A.MOD TO IMPRV ALT O EF REPL FOR A7R9 + A7R16 EFER REPL C NEW CARRYING HANDLE	
1838	OPER & SERV MAN	MAR74 00183-90910	MAY74 00183-90810 01 08 03	
183C	OPER & SERV MAN MAN CHANGE	JAN71 00183-90903 SEP74 00183-90903	JAN75 00183-90803	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART Date Number	FICHE FICHE PART M P D P DATE NUMBER L T V G	PAGE 94
			ON *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	DESCRIPTION ***
183D	OPER & SERV MAN Man Change			DESCRIPTION ***
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		DATE		DAIE	DESCRIPTION	***	DES	CRIF	PTION *** DESCRIPTION *** DESCRIPTION ***
183D	OPER & SERV MAN MAN CHANGE		00183-90903 00183-90903	JAN75	00183~%5303		01	08	
183D-020	OPER NOTE MAN CHANGE		00183-90906 00183-90906	NOV85	00183-90806	8L	01	08	01
1830A	OPER & SERV MAN MAN CHANGE	NOV74	01830-90902 01830-90802		01830-90802	8L	01	80	02
	SERV NOTE SET BELOW 1830A-1 1830A-2	OCTTO	NN SER BELOW 968	MAY78 B.REC IMOD	REPL FOR A2	PREA	MP (BOAF	RD + A5 OUTPUT AMPLER BOARD
1831A	OPER NOTE OPER NOTE CHANGE		01831-90901 01831-90901	MAY71	01831-90801		01	08	
1831A-001	OPER NOTE OPER NOTE CHANGE		01831-90903 01831-90903	MAY71	01831-90803		01	08	
1831A/B	SERV NOTE SET BELOW 1831A/B-1		WO ALL SER.REDU	MAY78 CED CR					
1831B			01831-90902 01831-90902	MAY71	01831-90802		01	08	
1834A	OPER & SERV MAN MAN CHANGE		01834-90902 01834-90902	OCT84	01834-90802	8L	01	08	
1835A	OPER & SERV MAN	NOV73	01835-90901	DEC73	01835-90801		01	08	
18 4 A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	FEB77	00184-90903 00184-90904 00184-90904	NOV75 JUN81	00184-90803 00184-90804				03 USE 184A FICHE 00184-90804 03
184A-003	OPER & SERV MAN MAN CHANGE		00184-90904 00184-90904	JUN81	00184-90804	8L	01	98	
184A-005	OPER & SERV MAN MAN CHANGE		00184-90904 00184-90904	JUN81	00184-90804	8L	01	80	
184A-580	OPER & SERV MAN MAN CHANGE		00184-90904 00184-90904	JUN81	00184-90804	8L	01	80	
184A/B	SERV NOTE SET BELOW 184A/B-1 184A/B-2 184A/B-3 184A/B-4 184A-5	NOV72 SEP74 MAR79 APR81	WN ALL SER.MOD TWA SER BELOW 143 WO ALL SER.MOD WA SER 1916A & SWN SER 2017A &	SSA.MO TO IMP BELOW.	TALL OPT 807 D TO CORR CR ROVE +100V P IMPR CRT PER	T CRO OWER F	OSS(SUI	OVEK PPLY	R Y STABILITY
1848	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	FEB77	00184-90903 00184-90904 00184-90904	NOV75 JUN81	00184-90803 00184-90804	* 8L 8L	01 01	80 80	03 USE 1848 FICHE 00184-90804 03
1 84 B-003	OPER & SERV MAN MAN CHANGE		00184-90904 00184-90904	JUN81	00184-90804	8L	01	08	

11/08/85 MODEL NUMBER PAGE 95 LITERATURE TYPE H/C PART FICHE FICHE PART M P D P
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2402A

241A

2410A

24108

2411A

245C

245D

2460A

2470A

25A

250A

250B

MODEL NUMBER

	184A/B-2 184A/B-3 184A/B-4 184A-5		MAR79 WO ALL S APR81 WA SER	ER.MOD TO IM 916A & BELOW	OD TO CORR CRT PROVE +100V POW •IMPR CRT PERF •REC NEW CARRYI	IER SUPPLY ST			
1848	OPER & SERV OPER & SERV MAN CHANGE		OCT74 00184-90 FEB77 00184-90 APR81 00184-90	1904 JUN8	5 00184-90803* 1 00184-90804	8L 01 08 03 1 8L 01 08 03	USE 184B FICHE	00184-90804	
1848-003	OPER & SERV Man Change	MAN	FEB77 00184-90 APR81 00184-90		1 00184-90804	8L 01 08 03			

11/08/85 MODEL NUMBER 2509A 2545A 2545C 2546 2547A 2570A 2575A 2590B 260A 275A A1085 **2802A** 28023A

250A

250B

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  MODEL
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                    LITERATURE
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184B-005
               OPER & SERV MAN
                                   FEB77 00184-90904
                                                         JUN81 00184-90804 8L 01 08 03
               MAN CHANGE
                                   APR81 00184-90904
               OPER & SERV MAN
1848-580
                                   FEB77 00184-90904
                                                         JUN81 00184-90804 8L 01 08 03
               MAN CHANGE
                                   APR81 00184-90904
               OPER & SERV MAN
1840A
                                   APR70 01840-90902
                                                          JUN83 01840-90802 8L 01 08 02
               MAN CHANGE
                                   MAR75 01840-90902
               SERV NOTE SET BELOW
                                                         MAY78
                                   APR70 WA SER BELOW 941. MOD IMPR TRIG ABOVE 200 MHZ
               1840A-1
               1840A-2
                                   AUG71 WA SER 941. IMPR TRIGGER COMPATABILITY
                                   OCT71 WO SER BELOW 1120A.REC REPL FOR TUNNEL DIODES CR8 + CR9
               1840A-3A
               1840A-4
                                   AUG71 WO SER BELOW 1102A.REC REPL FOR A1Q11, A1Q12, A1Q13, + A1Q26
               1840A-5
                                            ALL SER. TRBLSHTG AID. SUPPLMT SERV MAN
               1840A-6
                                   DEC72 WO PREFERRED REPLACEMENT FOR A1R21
               OPER & SERV MAN
1841A
                                   JAN71 01841-90902
                                                         JUN75 01841-90802
                                                                                01 08 03
               MAN CHANGE
                                   FEB75 01841-90902
               SERV NOTE SET
                                                         MAY78
                                            TRBLSHTG AID, SUPPLMT SERV MANUAL
               1841A-1
               1841A-2
                                   OCT71 WO SER BELOW 1116A.REC REPL TUNNEL DIODE
               1841A-3
                                   OCT71 WO SER BELOW 1116A.REC REPL FET 1855-0062 FOR IMPROVED RELIABILITY
               1841A-4
                                   DEC72 WO PREF REPL FOR A1R17 + A1R90
185A
               OPER & SERV MAN
                                   AUG61 185A-900
                                                         FEB78 185A-800
                                                                             8L 01 08 02 FOR SER PFX 011 AND BELOW
               MAN CHANGE BACKDATE NOV62 185A-900
               OPER & SERV MAN.
                                   AUG61 185A-901
                                                         FEB78 185A-801
                                                                             8L 01 08 02 FOR SER PFX 023 AND ABOVE
               MAN. CHANGE BACKDATE NOV62 185A-901
185A/B
               SERV NOTE SET BELOW
                                                         JUL79
               185A-1
                                            DIGITAL CONV OF RISE TIME MOD KIT
               185A-2A
                                   APR65
                                            INT GRATICULE CRT MOD
               185B-1A
                                   AFR65
                                            INT GRATICULE
               185B-2
                                   DEC65
                                            SER 348-01001 + DOWN.MOD TO INCR SYNC PULSE STAB USING 1858-950
               185B-3
                                            NOT AVAILABLE
               185B-4A
                                   NOV65
                                            SER BELOW 432-01151.SWP LINEARITY MOD
                                            SER BELOW 432-01276.USE WITH 187C MOD
               185B-5
                                   NOV65
               185B-6
                                            SER BELOW 525. MOD FOR INCR REPEAT OF X-Y RECORDING
               OPER & SERV MAN
185B
                                   OCT62 185B-901
                                                         SEP70 185B-801
                                                                                01 08 03
               MAN CHANGE
                                   MAY66 1858-901
186A
               OPER & SERV MAN
                                   FEB63 186A-901
                                                         APR81 186A-801
                                                                             8L 01 08 01 SER PFX 230 - 236
               OPER & SERV MAN
                                   FEB63 186A-902
                                                         NOV71 186A-802
                                                                                01 08 02 SER PFX 242 & ABOVE
18641A
               OPER NOTE
                                                         SEP75 18641-90032 8L 01 38 01
                                   SEP75 18641-90031
18642A
              OPER NOTE
                                   SEP75 18641-90031
                                                         SEP75 18641-90032 8L 01 38 01
18643A
              OPER NOTE
                                   SEP75 18641-90031
                                                         SEP75 18641-90032 8L 01 38 01
18644A
              OPER NOTE
                                   APR75 18644-90031
                                                         SEP85 18644-90032 8L 01 38 01
187A
              OPER & SERV MAN
                                   APR61 187A-900
                                                         FEB78 187A-800
                                                                             8L 01 08 01 FOR SER PFX 011 AND BELOW
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               LITERATURE
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187A
           MAN CHANGE BACKDATE NOVA2 1874-900
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18641A	OPER	NOTE	SEP75	18641-90031	SEP75	18641-90032	8L	01	38	01										
18642A	OPER	NOTE	SEP75	18641-90031	SEP75	18641-90032	8L	01	38	01										
18643A	OPER	NOTE	SEP75	18641-90031	SEP75	18641-90032	8L	01	38	01										
18644A	OPER	NOTE	APR75	18644-90031	SEP85	18644-90032	8L	01	38	01										
187A	OPER	& SERV MAN	APR61	187A-900	FEB78	187A-800	8L	01	80	01	FOR	SER	PFX	011	AND	BELOV				
11/08/85 MODEL	Ö	LITERATURE	H/C	H/C PART	FICHE	FICHE PART	N	P	D	P								PAGE	96	

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187A
               MAN CHANGE BACKDATE NOV62 187A-900
                                                         FEB78 187A-800
                                                                            8L 01 08 01
              GPER & SERV MAN
                                - APR61 187A-901
                                                         FEB78 187A-801
                                                                            8L 01 08 01 FOR SER PFX 016
               MAN CHANGE
                                - JAN63 187A-901
187A/B
               SERV NOTE SET BELOW
                                                         MAY78
               187A-1
                                            NOT AVAILABLE
               187A-2
                                            NOT AVAILABLE
              187A-3
                                            INSTL OF REPL PROBE DIODES
              187A-4A
                                            VERT POSITION POTENTIOMETER MOD
                                   APR64
              187A-5
                                            FRT PANIL GAIN POT INSTALLATION
                                   MAY63
              187B-1E
                                            PROBE DIODE INSTALLATION PROCEDURE
               187B-2
                                            NOT AVAILABLE
                                           SER BELOW 232-01119. MOD TO IMPROVE RISE TIME
               187B-3A
               187B-4
                                   JUL63
                                            SER BELOW 325-01469.MOT TO IMPROVE BASELINE STABILITY
              187B-5
                                            SER BELOW 325-01469.MOD FOR USE WITH 10213A SAMPLING PROBE ISOLATOR
              187B-6
                                   APR64
                                           CR513 + CR613 REC REPLACEMENTS
187B
              OPER & SERV MAN
                                   JAN62 1878-900
                                                         FEB78 1878-800
                                                                            8L 01 08 01 FOR SER PFX 215- & BELOW
               MAN CHANGE
                                   FEB64 1878-900
               MAN CHANGE BACKDATE FEB62 1878-900
              OPER & SERV MAN
                                  AUG62 187B-901
                                                         OCT73 187B-801
                                                                               01 08 02 FOR SER PFX 232- & ABOVE
               MAN CHANGE
                                   MAY64 1878-901
187C
              SERV NOTE SET BELOW
                                                         MAY78
              187C-1
                                   JUL65 WN PROBE CARTRIDGE INSTALL PROCEDURE
              187C-2A
                                   3EF 66
                                           PROBE CABLE REPLACEMENT PROCEDURE
190A
                                   JANOD 00190-90020
              INST MANUAL
                                                         MAY83 00190-91001 8L 01 21 01
               MAN CHANGE
                                   AUG69 00190-90020
              SERV NOTE SET BELOW
                                                         MAY78
              190A-1
                                            NOT AVAILABLE
              190A-2
                                   AUG69 WA REPLACEMENT TUBES
                                  NOV69 WO SER BELOW 2536.9005 TUBE REPL MOD
              190A-3
1900
              SERV NOTE SET BELOW
              1905A-1
                                   JUN69 WO SER BELOW 905-00151. MOD FOR IMPROVED MINIMUM RATE OUTPUT
              1905A-2
                                  OCT74 WO SER BELOW 1209. PREFERRED REPLACEMENTS
                                  AUG70 WO SER BELOW 946-00138.MOD ELIM DBL TRIG
              1906A-1
                                  AUG69 WO SER BELOW 833-00125. MOD IMPR COMPATIBILITY WITH 1906A
              1908A-1
              1915A
                                           NOT AVAILABLE
                                  APR70 WA SER BELOW 925-00191.MOD DECREASE OUTPUT PULSE TRANSITION TIMES
               1915A-2C
                                  NOV69 WA SER 925-00181 TO 936-00250. MOD TO DECREASE TRANSITION TIMES AT LO RANGE SETTINGS
              1915A-3
                                  AUG78 WO SER 1522A & BELOW. PREFERRED REPL FOR ASCR2 & ASCR3 DIODES.
              1915A-4A
              1915A-5
                                   MARTU WO SER BELOW 946-. PREF REPL FOR A3Q18 + A3Q19
                                  APR70 WO SER BELOW 946-00326.MOD TO IMPR REL
               1915A-6A
                                  APR70 WO SER BELOW 960. MOD ELIM SATUR OF 12 VOLT PWR SUPPLIES WHEN AMPLT VERNIER IS FULL CW
               19154-7
                                  NOV70 WO SER BELOW 0984A.REC REPL FOR TRANS HEAT SINKS
              1915A-8
              1915A-9
                                   MAY71 WA SER BELOW 1102A. IMPR RELIABILITY KIT
              1915A-10B
                                   JUN72 WO SER BELOW 1203A. IMPROVED RELIABILITY
              1915A-11
                                  MAR72 WO SER BELOW 1203A. RED OUTPUT TRANS FAIL
              1915A-12A
                                  DEC74 WA SER 1143 + UP. THREE PREF REPLACEMENTS
              19174-1
                                  DEC69 NO SER BELOW 947-00176. MOD ELIM VOLTAGE SHIFTER OSCILLATION
                                  DEC69 WO SER BELOW 944-00156. MOD ELIM LEADING EDGE TRANSITION TIME SHIFT
              1917A-2
                                  DEC69 WO SER BELOW 943-00136.MOD IMPR PERFORM
              1920A-1
                                  APR73 WN SER BELOW 1211A. PREF REPL FOR A2Q14, Q15, Q31, Q32
              1920A-2
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PAGE 82 11/08/85 PAGE 97 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P NUMBER TYPE DATE NUMBER DATE NUMBER T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1900 1922A-1 JAN74 WO SER BELOW 1209A. UP RISETIME CAPABILIT 1925A-1 JAN70 WA SER BELOW 953-00166.MOD ELIM SPURIOUS OUTPUT

11/08/85 MODEL NUMBER

2802A

28023A

28035A

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28035A

28036A

28037A

28039A

2804A

28048A

28084A

281A

2819

2811B

2813B

2813C

2813D

2816A

2901A

2901B

NUMBER

2911B

1915A-9	MAY71 WA SED BELO	W 1102A.IMPR RELIABILITY KIT	Opting the second second	
1915A-10B	HIN72 UN CED DELA	W 1203A.IMPROVED RELIABILITY	인근 보통로 스러워 하고를	
1915A-11	MAD72 UN CED BELO	M 12074 DED OHTDUT TRANS FATE		[마리즈 [기원] 프로그램 프로그램 그 이 너 얼마.
1935A-12A	DECTA UN DER DELU	W 1203A RED OUTPUT TRANS FAIL		얼마 아이는 얼마 가지를 들어 없다는 말이
	DECLA MY SEK 1143	+ UP. THREE PREF REPLACEMENTS	<u>Barbert in de la carrier in la filosofia de filosofia de</u>	
1917A=1	DECOA MO SEK REFO	W 947-00176.MOD ELIM VOLTAGE SH	IFTER OSCILLATION	
1917A-2	DECOS NO SER BELO	W 944-00156.MOD ELIM LEADING ED	GE TRANSITION TIME SHI	
1920A-1	DEC69 WO SER BELO	W 943-00136-MOD IMPR PERFORM		선물병 영화 발발 경기 기능하다 결합되다.
1920A-2	APR73 WN SER BELO	W 1211A.PREF REPL FOR A2Q14, Q1	5, Q31, Q32	(홍리토리) 그는 교회, 교회의 경험에는 대학 사람은
		그는 사람으로 보고 있는 그는 그가 있습니다. 그래요?	연기원의 경우 살충을 받았다.	
	송성 (1985년 - 1985년) 1일 (1985년)			
		<u>호텔 : 발생경</u> 화되고통에 급변하고 말했다면 살다	이번 없는 나는 어린 기가는 나무 하였다.	

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11/08/85 MODEL NUMBER 2911B 2911C 2922A 2930A 29400 297A 38 3S X-Y REC 300A 302A 3029 3030

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2901A

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MODEL NUMBER	O LITERATURE C TYPE	PAGE 97 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
700	1925A-1 1925A-2	JAN74 WO SER BELOW 1209A.UP RISETIME CAPABILIT JAN70 WA SER BELOW 953-00166.MOD ELIM SPURIOUS OUTPUT OCT70 WO SER BELOW 953-00250.MOD IMPR OUTPUT IN MANUAL MODE MAR74 WN SER BELOW 1232A.WORD COUNT ERRORS
900A	SERV NOTE SET BELOW 1900A-1 1900A-2	SEP76 01900-90904 SEP85 01900-90804 8L 01 08 02 MAY78 AUG69 WO SER BELOW 931MOD ELIM 25 VOLT PWR SUPPLY OSCILLATION AUG69 WO SER BELOW 939MOD IMPR REL 25 VOLT POWER SUPPLY AUG69 WO SER BELOW 924-00196.MOD IMPR REL 0F 70 VOLT POWER SUPPLY NOV69 WA SER BELOW 938-00241.MOD TO ALLEVIATE POWER CONNECTOR PROBLEM
901A	MAN CHANGE SERV NOTE SET BELOW 1901A-1	MAY69 01901-90901 AUG82 01901-90801 8L 01 08 01 MAY75 01901-90901 MAY78 AUG69 WO SER BELOW 931MOD ELIM 25 VOLT POWER SUPPLY OSCILLATION NOV69 WA SER BELOW 931-00151.MOD TO ALLEVIATE POWER CONNECTOR PROBLEM
905A	OPER & SERV MAN	AUG76 01905-90906 DEC76 01905-90806 8L 01 08 02
905A-001	OPER NOTE	JAN74 01905-90905 NOV85 01905-90805 8L 01 08 01
905A-005	OPER & SERV MAN	NOV76 D1905-90907 MAR77 D1905-90807 8L D1 08 D2
906A		NOV69 01906-90901 AUG82 01906-90801 BL 01 08 02 DEC74 01906-90901
906A-001	OPER & SERV MAN MAN CHANGE	DEC69 01906-90902 AUG82 01906-90802 BL 01 08 01 SEP70 01906-90902
908A	OPER & SERV MAN	JUN76 01908-90905 DEC76 01908-90805 8L 01 08 02
908A-001	OPER NOTE	OCT70 01908-90903 DEC70 01908-90803 01 08 01
908A-005	OPER & SERV MAN	NOV76 D1908-90906 FEB77 D1908-90806 8L 01 08 02
909A	OPER & SERV MAN	JAN72 01909-90901 APR72 01909-90801 01 08 02
909A-001	OPER NOTE	JUL72 01909-90902 SEP81 01909-90802 8L 01 08 01
91A	SERV NOTE SET BELOW 191A-1 191A/193-A-1 191A/193A-2 191A-3	JUN68 00191-90902 MAY71 00191-90802 01 08 03 MAY78 MAY70 A1R108 PREFERRED REPLACEMENT APR68 WO SER BELOW 716-00835.MOD TO PREV HI FREQ ROLL-OFF PROBLEMS MAY70 A3CR301 + A3CR302 PREFERRED REPLACEMENT FEB74 WN ALL SER.REQ VERT AMPLF BALANCE PROC JUL76 WN ALL SER.CRT REPLACEMENT
910A		JUN69 01910-90901 NOV78 01910-90801 8L 01 08 01 MAR72 01910-90901
915A	MAN CHANGE MAN CHANGE	JUL71 01915-90906 DEC75 01915-90806* 8L 01 08 03 USE 1915A FICHE 01915-90810 JANOO 01915-90910 MAR85 01915-90810 8L 01 08 03 JANOO 01915-90910 JANOO 01915-90910

	F (1) (1) (1) (1) (1)	 							<u> </u>	<u>. 196</u> 71 11677				1 44 4 A.M. C.	
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7-7-1		0	LITERATURE	H/C	H/C PART	FICHE	FICHE PAR	THP	DP						an Hit i
31.1	NUMBER		TYPE	DATE	一连 电压力管 化自动放射性 化二十二烷基 电流						하다 티네인 도시를 되고				- fair (1)
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1 10 4				建水库 建黄油 医温度电压				进行的 经存储							
	计类型函数 重点 温泉医温泉	者 医二十烷烷 海绵属	그렇게 되고 하는 맛이 되는 것 같아. 그	经单位的 医抗病 医乳毒素		등 등 경찰 중의 단점								발반성 기회의 원	i nanji
al V	1915A-001	ADES	NOTE	NAV74 A4	1915-90908	TENDE	DADAE GOODS		20 24	Bara Vega	的复数 医透透性畸形			etra e nimili e	
	ו טט אבוייו					76603	01915-90808	6L U1	08 01						
		OPFO	NOTE CHANGE	AHE75 A1	1915-90908		십 명시다. 왕이 나는 이 경우의								9.80
			ILA I - ALIVIANE	- Undia	1712 70700	经产品的 医乳腺素 医多种毒素				"我也的'多			요즘 보고를 받		러하는당하

1910A	OPER & SERV MAN MAN CHANGE	JUN69 01910-90901 MAR72 01910-90901	NOV78	01910-90801	8L 01	08 01			
1915A	OPER & SERV MAN MAN CHANGE MAN CHANGE MAN CHANGE	JUL71 01915-90906 JANOO 01915-90910 JANOO 01915-90910 JANOO 01915-90910	DEC75 MAR85	01915-90806* 01915-90810	8L 01 8L 01	08 03 USE 08 03	1915A FIC	IE 01915-90810	
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11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTI	FICHE FICHE PART DATE NUMBER ION *** DESCRIPTION **	LTV	
1915A-001	OPER NOTE OPER NOTE CHANGE	NOV71 01915-90908 AUG75 01915-90908	FEB85 01915-90808	8L 01 08	01
1915A-005	OPER & SERV MAN OPER & SERV MAN	MAR72 01915-90907 FEB77 01915-90911	MAY74 01915-90807* APR77 01915-90811	01 08 8L 01 08	04 USE 1915A-005 FICHE 01915-90811
1916A	OPER & SERV MAN	OCT72 01916-90001	JAN73 01916-90501	8L 01 B1	02
1917A	OPER & SERV MAN	AUG76 01917-90907	DEC76 01917-90807	SL 01 08	02
1917A-001	OPER & SERV MAN MAN CHANGE	APR70 01917-90903 JUN74 01917-90903	JAN78 01917-90803	8L 01 08	01
1917A-005	OPER & SERV MAN OPER & SERV MAN	FEB72 01917-90904 OCT80 01917-90908	DEC75 01917-90804* APR81 01917-90808	8L 01 08 8L 01 08	03 USE 1917A-005 FICHE 01917-90808 03
1920A	OPER & SERV MAN MAN CHANGE	MAR70 01920-90901 FEB76 01920-90901	0CT84 01920-90801	8L 01 08	02
1920A-001	OPER NOTE OPER NOTE CHANGE	AUG70 01920-90902 0CT70 01920-90902	DEC84 01920-90802	8L 01 08	01
1921A	OPER & SERV MAN MAN CHANGE	AUG72 01921-90901	NOV72 01921-90801	01 08	02
1921A-001	OPER NOTE OPER NOTE CHANGE	MAR72 01921-90902 AUG72 01921-90902	APR73 01921-90802	01 08	01
1922A	OPER & SERV MAN MAN CHANGE	JUL71 01922-90901 AUG72 01922-90901	APR73 01922-90801	01 08	02
1922A-001	OPER NOTE OPER NOTE CHANGE	APR72 01922-90902 AUG72 01922-90902	APR73 01922-90802	01 08	01
1925A	OPER & SERV MAN MAN CHANGE	JUN69 01925-90901 APR76 01925-90901	OCT84 01925-90801	8L 01 08	02
1927A	OPER & SERV MAN MAN CHANGE	APR70 01927-90901 MAR72 01927-90901	APR72 01927-90801	01 08	01
1928A	OPER & SERV MAN MAN CHANGE MAN CHANGE	OCT70 01928-90901 OCT71 01928-90901 MAR77 01928-90901	APR72 01928-90801	01 08	02
193A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 1934-4-1	JUL69 00193-90904 AUG72 00193-90904 APR68 WO SER BELOW 7	OCT80 00193-90804 MAY78 716-00835.MOD TO PREV		
	193A-2 193A-3 193A-4	MAY70 A3CR301 + A	N3CR302 PREFERRED REPL 1967A01129.CORR MOUNTI	.ACMNT	
1930A	OPER & SERV MAN MAN CHANGE	FEB71 01930-90901 FEB76 01930-90901	OCT84 01930-90201	8L 01 08	02

11/08/85 MODEL NUMBER PAGE 99 0 H/C DATE H/C PART NUMBER FICHE FICHE PART M P D P DATE NUMBER L T V G LITERATURE TYPE C *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 1934A OPER & SERV MAN MAY71 01934-90901 MAY72 01934-90901 JUL80 01934-90801 8L 01 08 02 MAN CHANGE 1054 NDED & CEDY MAN 14172 00105-00002 FEB73 AAAF_AABA

3042A-123 3042A-124 3043A 3043A 3045A 3046B 3046B 3047A

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11/08/85 MODEL

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	MAN CHANGE	B76 01930-90901	30A7A
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	/C H/C PART FICHE FICHE PART M P D P ATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DE	PAGE 99 11/08// MODE NUMB
1934A	OPER & SERV MAN MAN CHANGE	Y71 01934-90901 JUL80 01934-90801 8L 01 08 02 Y72 01934-90901	3047A
1954	OPER & SERV MAN SERV NOTE SET BELOW 195A-1	N72 00195-90902 FEB72 00195-90802 01 08 01 JUL80 T72 WO SER 947A.RED SHUTTER SENSI TO LINE TRANST + STATIC DISCHARGES	3047A-(
1950A	PRELIM OP & SERV MN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	일도로 할 때가 모르고 가장을 느낄 때 그리는 모급한 어떤 한 일반에는 가는 점을 다양하는데 모급을 가고 있는 바로를 하는 사람들이 하는데 없어.	3030A
196A	SERV NOTE SET BELOW 196A-1 196A-2 196A-3 196A-4C	JUL80 B60 CUSHIONS IN CAMERA CARRYING CASE FOR PROTECTION Y60 BEZEL RING CLAMP REPLACEMENT - ADAPTER RING FOR TEKTRONIX OSCIL TO GUARD AGAINST LIGHT LEAKAGE R66 INTERNAL LITE SOURCE MOD KIT	
196A/B		P65 196A-901 DEC82 196A-801 8L 01 08 01 SER PFX 332- R65 196A-901 P65 196A-902 DEC82 196A-802 8L 01 08 01 SER PFX 422 & ABOVE L68 196A-902	3050A-(
1965A	OPER & SERV MAN MAN CHANGE USER'S MAN SERV NOTE SET BELOW 1965A-1	Y83 01965-90901 OCT85 01965-90801 8L 01 08 04 N85 01965-90901 N83 01965-90902 AUG83 01965-90802 8L 01 08 02 APR84 T83 WO SER 2310A0C229 & BELOW.MOD TO ELIM HARD KEY PRESSURE N84 WA SER 2310A.MOD TO CORREC IMPROPER E01 ASSERTION OVER HP-IB	3050A-0 3050A-0 3050B
197A		775 00197-90907 JAN76 00197-90807* 8L 01 08 02 USE 197A-001 FICHE 00197	교육하다 이 글로 그 그리고 있다고 나를 살 때문 생각이 없다.
197A-001		L76 00197-90911 JUN83 00197-90811 8L 01 08 02 V78 00197-90911	
197A-008	OPER NOTE	C75 00197-90908 JAN76 00197-90808 8L 01 08 01	
197A/198A	197A-2 197A-3 197A-4 197A-5	OCT81 C67 SER BELOW 610-01090.MOD TO IMPR SWTCH BETWEEN "TIME" + "BULB",+ TO F C67 SER BELOW 730.TRANS Q11,Q41 PREF REPL C68 WA SER BELOW 805-02251.MOD TO PREV SHUTTER TRIG ON LINE NOISE C68 WA OPTION 12 FUSE CHANGE G69 WA POLAROID FILM BACK ADAPTOR	3051A
	197A-7 197A-8 197A-9	T72 WO SER GELOW 913.RED SHUTTER SENSI TO LINE TRANST + STATIC DISCHARGES ALL SER.REPAIR KITS B80 WO ALL SER.MOD TO IMPROVE SOLENOID REL. L81 WN SER 1203A & BELOW.UV SCALE ILLUM BULB (PN 2140-0254) IS AVAIL FM STO R71 WN SER BELOW 1026J.LOW MJUNT CLAMP MOD	3052A)CK
197B	PRELIM OP & SERV MN	다른한 기업 등일 없이 그리는 생각이 가지 않았다. 회사님의 그렇게 되어 보고 있다면 그리고 되었다는데 그리고 생각했다.	19
197B-001	PRELIM OP & SERV MN	그리는 이번 사람들은 사람들이 되었다. 그렇게 되었다면 하면 하면 하면 하면 하는데 하는데 하는데 하면 하는데	'-90819
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	C H/C PART FICHE FICHE PART M P D P TE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DES	PAGE 100 11/08/8 MCDEL NUMBE
197B-001		81 00197-90919 MAY81 00197-90819 8L 01 08 02	3052A
1978-002		79 00197-90915 FEB80 00197-90815* BL 01 08 01 USE 1978-002 FICHE 00197-	-90819 3052A-5

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MAY70 A3CR301 + A3CR302 PREFERRED REPLACENT
MAR72 WO SER BELOW 0967A01129.CORR MOUNTING POLARITY FOR C702
JUL76 WN ALL SER.CRT REPLACEMENT

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	OP & SERV MN FEB79		80 00197-90815* 8L 0	1 08 01	USE 197B FICHE 00197-90819
OPER &	SERI MAN MAR81	00197-90919 MAY	81 00197-90819 8L 0	1 08 02	
1978-001 PRELIM	OP & SERV MN FEB79	00197-90915 FEB	80 00197-90815* 8L 0	1 08 01	USE 1978-001 FICHE 00197-90819

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3054A(9826)

3054A(9835A)

3054A (9845B)

3054A***

30544-802

3054DL

3056DL

11/08/85 MODEL NUMBER

3060A

3054c(1000)

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3054A

11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART FICHE NUMBER DATE *** DESCRIPTION ***	NUMBER	LTVG	PAGE 100 V *** DESCRIPTION *** DESCRIPTION ***
976-001	OPER & SERV MAN	MAR81		00197-90819		
97B-002	PRELIM OP & SERV MN OPER & SERV MAN			00197-90815* 8 00197-90819	BL 01 08 01 1 BL 01 08 02	USE 1978-002 FICHE 00197-90819
1978-003	PRELIM OP & SERV MN OPER & SERV MAN			00197-90815* 8 00197-90819	BL 01 08 01 1 BL 01 08 02	USE 1978-003 FICHE 00197-90819
197B-006	OPER NOTE PRELIM OP & SERV MN OPER & SERV MAN	FEB79	00197-90915 FEB80	00197-90817 8 00197-90815# 8 00197-90819 8	BL 01 08 01 L	USE 1978-006 FICHE 00197-90819
1978-007	PRELIM OP & SERV MN OPER & SERV MAN	The state of the s		00197-90815* 8 00197-90819	BL 01 08 01 l BL 01 08 02	USE 1978-007 FICHE 00197-90819
198A	OPER & SERV MAN	NOV72	00198-99004 MAR75	00198-99054	01 33 02	
1980A	OPER & SERV MAN MAN CHANGE	the state of the s	01980-90907 OCT85	01980-90807 8	BL 01 08 09 1	INCLUDES 1980A/B FICHE 01980-90805
	OPER & PROG MAN MAN CHANGE	NOV81	01980-90907 01980-90905 JUN84 01980-90905	01980-90805 8	8L 01 08 03	
1980A/B	SERV NOTE SET BELOW 1980A/B-1 1980A/B-3A 1980A/B-3 1980A/B-4 1980A/B-5C 1980A/B-6 1980A/B-7 1980A/B-7 1980A/B-10B CONT'D 1980A/B-11 1980A/B-11 1980A/B-13 1980A/B-14 1980A/B-15A 1980A/B-15A 1980A/B-16 CONT'D 1980A/B-17 CONT'D 1980A/B-18	JUL80 FEB84 DEC80 JAN81 JAN84 AUG81 OCT81 DEC81 JAN83 JAN83 JAN83 MAR83 MAR83 MAR83 MAR84	WO SER 1947A.PREF HOP WO SER 2106A & BELOW. WO SER 2131A & BELOW. WO ALL SER PREF REPL WN 1980A:SER 2240A & SYNTAX ERRORS WO ALL SER.MOD TO IMP WA 1980A:SER 2209A & WO 1980B:SER 2126A & WN ALL SER.MANUAL SUP WN SER 2216A & BELOW. WO 1980A:SER 2309A002 FSE &/OR A1 BD BUR WA 1980A:ALL SER;1980 HP-IB WO ALL SER. FRT PAN F	OMERIC CONNECTO LOW FUSES FOR F IZ HYBRID REPL PREF REPL TRIGO REC HP-IB ROM F REC REPL OPER F MOD TO UPDATE (PREF REPL A4 BI FOR REFERENCE / BELOW; 1980B: SEF BELOW; 1980B: SEF BELOW; 1980B: SEF BELOW; 1980B: SEF DLMT DESC CALIE MOD DECR RESP T OS & BELOW; 1980 N ASSOCIATE WITH B: SER 2142A TOPE	PROPER LINE PROPER LINE PROPER LINE PROPER 1980B'S DEST 1	FUSING TO PROTECT INT CIRCUITRY 5U1 5 TO SAME OP CONFIG PFX 2142A & ABOVE IN +15 VDC SUPPLY LOW.MOD TO PREV RANDOM BUS LOCKUP OR LOW.MOD TO PREV CRT ARCING SE RANDOM INTENSITY LEVEL CHANGES ID PROG TRIG LEVEL SLEW ROUTINE 11716 & BELOW.MOD TO PREV RANDOM LINE
1980B	PRELIM OP & SERV MN OPER & PROG MAN MAN CHANGE SERV MAN	NOV81 APR84	01980-90905 JUN84 01980-90905	01980-90805 8	BL 01 08 03	JSE 1980B FICHE 01980-90806
	MAN CHANGE		01980-90906 OCT85 01980-90906	01980-90806 8	BL 01 08 07	
19807A	OPER NOTE	AUG81	19807-90901 AUG81	19807-90801 8	BL 01 08 01	기는 하다 되었다. 그는 사람들은 사람들이 하는 것이 되었다는 것이다.
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	OPER & SERV MAN	MAR81 00197-90919 MAY81 00197-90819 8L 01 08 02
98A	OPER & SERV MAN	NOV72 00198-99004 MAR75 00198-99054 01 33 02
1980A	OPER & SERV MAN MAN CHANGE	FEB82 01980-90907 0CT85 01980-90807 8L 01 08 09 INCLUDES 1980A/B FICHE 01980-90805
	OPER & PROG MAN	JUN85 01980-90907 NOV81 01980-90905 JUN84 01980-90805 8L 01 08 03
	MAN CHANGE	APR84 01980-90905
1980A/B	SERV NOTE SET BELOW	마는 그리고 하는데 하는 특별, 그는 이 하다는 그는 것으로 만들어 들었다. 아이들에 가려면 하는 그리고 말을 하는데 그는 하다는 그리고 말을 들어 가는 하다. 그런 모든 것으로 모든 나를 받는데 나타를 하는 그는 그는 그는 그리고 되는 것이 JUL84는 그 그리고 있는 그들은 것이 있는데 그리고 말을 하는데 하는데 말을 하는데 하는데 말을 하는데 그리고 있는데 말을 하는데 그
	1980A/B-1	JUL80 WN SERV KIT OF ELASTROMERIC CONNECTORS NOW AVAIL.ORDER 01980-69501
	1980A/B-3A	FEBS4 WN ALL SER.REC FAST BLOW FUSES FOR PROPER LINE FUSING TO PROTECT INT CIRCUITRY
	1980A/B-3	DEC80 WO SER 1947A.PREF HORIZ HYBRID REPL
	1980A/B-4 1980A/B-5C	JAN81 WO SER 2106A & BELOW PREF REPL TRIGGER HYBRID A5U1
	1980A/B-6	JANSA WO SER 2131A & BELOW.REC HP-IB ROM REPL AUGS1 WO SER 2131A & BELOW.REC REPL OPER ROMS
	1980A/B-7	AUGRI UN SER ZIJIM & DELUWIKEL KEPL UPEK KUMS
	1980A/B-8	AUG81 WN SER 2131A & BELOW.MOD TO UPDATE OLDER 1980B'S TO SAME OP CONFIG PFX 2142A & ABOVE OCT81 WO SER 2131A & BELOW.PREF REPL A4 BD ASSY
	1980A/B-9	DEC81 WO ALL SER PREF REPL FOR REFERENCE AMPLIF A1U1 IN +15 VDC SUPPLY
	1980A/B-10B CONT'D	JAN84 WN 1980A:SER 2240A & BELOW; 1980B:SER 2216A & BELOW. MOD TO PREV RANDOM BUS LOCKUP OR SYNTAX ERRORS
	1980A/B-11	NOV82 WO ALL SER. MOD TO IMPROV TRIGGER FLAG PERF
	1980A/B-12	JAN83 WA 1980A:SER 2209A & BELOW; 1980B:SER 2144A & BELOW. MOD TO PREV CRT ARCING
	1980A/B-13	JAN83 WO 1980B:SER 2126A & BELOW. TRBLSHTG ISOLATE CAUSE RANDOM INTENSITY LEVEL CHANGES
gaya Marajiyay s	1980A/B-14	JAN83 WN ALL SER. MANUAL SUPPLMT DESC CALIB PROC
la filologica de la cilega de La colora de la colora della colora della colora de la colora de la colora de la colora della colora dell	1980A/B-15A	MAR83 WN SER 2216A & BELOW. MOD DECR RESP TIME FOR RAPID PROG TRIG LEVEL SLEW ROLLTINE
	1980A/B-16	MAR83 WO 1980A:SER 2309A00205 & BELOW;1980B:SER 2306A01716 & BELOW.MOD TO PREV RANDOM LINE
	CONT'D	FSE G/OR AT BD BURN ASSOCIATE WITH A1Q2 FAILURE
	1980A/B-17	JAN84 WA 1980A: ALL SER; 1980B: SER 2142A THE 2338A. MOD TO CORREC IMPROPER ED1 ASSERTION OVER
	CONT'D 1980A/B-18	HP-IB
		MAR84 WO ALL SER. FRT PAN FACIA CLEANING
1980B	PRELIM OP & SERV MN OPER & PROG MAN	
	MAN CHANGE	NOV81 01980-90905 JUN84 01980-90805 8L 01 08 03 APR84 01980-90905
	SERV MAN	NOV81 01980-90906 OCT85 01980-90806 BL 01 08 07
	MAN CHANGE	AUG85 01980-90906
19807A	OPER NOTE	한 분류한 회원인 및 대통령은 회에 이용하는데 일반으로 되었다. 한 일반으로 되는 그로 보고 하다고 하는데 그 주도하는데 모르를 보고 있는 트리트로 만
		AUG81 19807-90901 AUG81 19807-90801 8L 01 08 01
19810A	OPER NOTE	SEP80 19810-90901 JAN81 19810-90801 8L 01 08 01
		된 마이크로 하는 것이 하는 아이들은 이 그렇게 하는데 모양을 보고 있다면 하는데 함께 가지 않는데 하는데 하는데 하는데 되었다.
		그는 마음을 하는 경우를 가는 사람들이 얼마나는 나는 사람이 되는데 사람들이 나는 것은 사람이 그릇을 가는 사람이 아름다는 사람이 되는데 없다.
		<u>으로 사용되는 도소를 보고 있다. 그런 사람들은 한 경기를 하고 있는 사람들이 되었다. 그런 것은 사람들은 사람들은 사람들은 함께 살고 한다. 같은 한다. 이 스타를 하는 사람들은 사람들은 사람들은</u> 이 사용을 보고 있는 것을 하는
1 /NO /OE	영화의 불생활한 경험 보고를 되었고 함께?	있는데 없는 마음이 있는데 그렇게 한 생활이 되는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하

11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE		FICHE DATE +**	NUMBER	L	Ť	D P V G RIPTI	DESCRIPTION	k**)ESCRIPTI	PAGE 10	
19811A	OPER NOTE	JUN81	19811-90901	FEB82	19811-90801	8L	01 (08 01					
19860A	OPER & SERV MAN Man Change		19860-90902 19860-90902	MAY83	19860-90802	? 8L	01 (08 03					
2D	OPER & SERV HAN	APR64	00002-91303	JAN81	00002-91353	8L	. 01	11 02					

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. 1	19810]			OPFR	NOTE			100	くとちなり	1021	90901		IANQ1	19810-	.00201	01	04 (30	Λ4
		""	100	. 1 45 33	A1 -11	11012	• 11 mg	4.5		OF! OF	1,5017	וטינטייי		OVIGO	17010	70001	OL	UI	JO	U, Į:
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5.45		3 (2)			tiga ter		7.55	1.				机油油 医水流						1.4		
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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
19811A	OPER NOTE	JUN81 19811-90901 FEB82 19811-90801 8L 01 08 01	
19860A	OPER & SERV MAN MAN CHANGE	MAY82 19860-90902 MAY83 19860-90802 8L 01 08 03 MAR83 19860-90902	
2D	OPER & SERV MAN	APR64 00002-91303 JAN81 00002-91353 8L 01 11 02	
2D-2	OPER & SERV MAN	MAR65 00002-91307 MAR84 00002-90057 8L 01 11 02	
2D-2A	OPER & SERV MAN	MAR65 00002-91307 MAR84 00002-90057 8L 01 11 02	
2D-3	OPER & SERV MAN	MAR65 00002-91307 MAR84 00002-90057 8L 01 11 02	
2D/2FA	SERV NOTE SET BELOW M011-1 M011-2 2D/2D-2/2D-3/ 2F/2FA	MAY78 APR67 MYLAR TEST GRID FOR CALIBRATION JUN67 SWEEP TIMING CAPACITOR REPLACEMENT FEB74 CHANGE OF PAPER HOLDDOWN FROM VACUUM TO AUTOGRIP	
	2FA-1 105 107 116 117 118 119 125 126 127 131 137	MAR67 SER BELOW 619.RECOMMENDED CHANNEL MOUNTING YOKE REPLACEMENT JUN61 VACUUM PUMP MAINTENANCE OCT61 INTERNAL TIME BASE SERVICE PROCEDURE OCT62 VACUUM PUMP MOTOR SERVICE OCT62 SWEEP LINEARITY PROBLEMS FEB63 ONE MEGOHM INPUT IMPED MEASUREMENT MAY63 POWER TRANSISTOR CHANGE JAN64 RECOMMENDED PARTS CHANGE SEP64 MODIFICATION TO IMPROVE PERFORMANCE DEC64 SER BELOW 198.MOD TO IMP PERFORMANCE MAY65 SER BELOW 265.MOD TO IMP PERFOR JUN65 FACTORY MOD FOR F-1A-3 CURVE TRACER	
2DR	OPER & SERV MAN	APR64 00002-91303	
2D4/2DR4	OPER & SERV MAN	AUG66 00002-90000 APR79 00002-90050 8L 01 11 02 INCLUDES METRIC MODELS	
2FA/2FRA	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	DEC66 00002-90001 MAY71 00002-90051* 01 11 03 USE 2FA/2FRA FICHE 00002-90053 JUN83 00002-90053 8L 01 11 03 OCT71 00002-90003	
2FAM/2FRAM	OPER & SERV MAN	DEC66 00002-90001 MAY71 00002-90051* 01 11 03 USE 2FA/FRA FICHE 00002-90053	
2FR	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	DEC66 00002-90001 MAY71 00002-90051* 01 11 03 USE 2FR FICHE 00002-90053 JUN83 00002-90053 BL 01 11 03 OCT71 00002-90003	
2\$	OPER & MAINT MAN	JANDO 00002-91329 NOV71 00002-91379 \ 01 11 01	
20 - A	INSTR & OPER MAN	JANOO 00020-91358 NOV74 00020-90058 01 11 01	
200A	OPER & SERV MAN	FEB62 200A-910 MAR78 200A-950 8L 01 09 01	
200A/B	SERV NOTE SET BELOW 200AB-1B 200AB-2D 200AB-3D	JAN80 - RANGE SWTCH REPL + FREQ ADJUSTMENT NOV71 WO TEST + ADJUSTMENT PROCEDURES JUN70 WN SER BELOW 310-19474.MOD TO DECREASE HUM + DISTORTION	

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPT)	FICHE FICHE PART M P D P DATE NUMBER L T V G ION *** DESCRIPTION *** DESCRIPTION *** DESCR	PAGE 102 IPTION ***
2008	OPER & SERV MAN SERV NOTE SET BELOW 2008-18	FEB62 200A-910 RANGE SWTCH	MAR78 200A-950	
200C	OPER & SERV MAN	APR62 200C-910	KAY75 200c-960	
200CD	OPER & SERV MAN	AUG71 200CD-907	AUG77 200CD-957 * 8L 01 09 02 USE 200CD FICHE 200CD-958	

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	T 1	V (6	PAGE 102 RIPTION *** DESCRIPTION ***
20 0B	OPER & SERV MAN SERV NOTE SET BELOW 2008-18	FEB62	200A-910 RANGE SWTCH	JANBO	200A-950 Ement	8L (01 0	9 01	
200C	OPER & SERV MAN	APR62	200c-910	MAY75	200c-960		01 09	9 01	
200CD	OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 200CD-1C 200CD-2 200CD-3A 200CD-4D 200CD-5 200CD-6A 200CD-7B 200CD-8B 200CD-9A	FEBS1 NOV65 AUG63	SER BELOW 10 200CD SER BE TEST + ADJUS SER BELOW 22 ALL SER.OUTP WO TUNING CAP R MOD TO SUPPR	DEC82 JAN80 REPL + 54.REP LOW 86 TMENT 550.LO T XFMR EPL PR	200CD-958 FREQ ADJUSTM L OF 6AC7 TUB 91.200J SER B PROCEDURE FREQ DISTOR RANGE SWICH	8L (ENT ES T(ELOW T REPL AN 5(01 A 0 LEI 54. Duct	NGTHEN LIFE + LE 2020 SER BELOW S	ICHE 200CD-958 ESSEN DISTORTION 22.INCR RECT TUBE LIFE
200D	OPER & SERV MAN	APR62	200 c- 910		200c - 960		01 09	? 01	
200H	OPER & SERV MAN MAN CHANGE		200H-910 200H-910	JAN82	200H -9 60	8L (01 0	7 01	
2001	SERV NOTE SET BELOW 2001-1		RANGE SUTCH	JAN80 REPL +	FREQ REALIGN	PRO	C		
500J	OPER & SERV MAN	SEP64	200J-902	FEB81	5080-5607	8L (01 09	9 01	
200⊤	OPER & SERV MAN MAN CHANGE		200T-902 200T-902	JAN82	200T -9 52	8L (01 09	9 01	
201 8	SERV NOTE SET BELOW 2018-1		RANGE SWITCH	JAN80 REPLA	CEMENT PROCED	URE			
201¢	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 2010-1	MAY82	00201-90007 00201-90007 SER BELOW 35	JAN80	00201-90057 7.MOD TO REDU				
202A	SERV NOTE SET BELOW 2024-68		POWR SUPPY, F	JAN30 REQ,RA	TIO ADJ PROCE	DURE			
202D	OPER & SERV MAN MAN CHANGE SHEETS INSTRUCTIONS 1 INSTRUCTIONS 2 INSTRUCTIONS 3 INSTRUCT 200 SERIES INSTRUCTIONS 5 OPER & SERV MAN	JANOO JANOO FEB50 JANOO JANOO APR54	202-900 202-900 202-900 202-900 202-900 202-900 202-900 202-910		202-950		01 09		
	SERV NOTE SET BELOW	MUDDE	2020-710	JAN82	202D-960	8L (ט דע	Z. UTHE 医量管反应量	

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202E	OPER INSTRUCT	JANOD 00202-90029 AUG80 5951-6200 8L 01 21 01
202H	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 202H-1A 202H-2	SEP65 00202-90006 OCT85 00202-90034 8L 01 21 02 OCT73 00202-90006 JAN80 FM/AM SIG GEN INSTALLATION PROCEDURE FOR FLEXIBLE COUPLING UNIT FM/AM REPL OF RESIST (R117,R118) IN RF PISTON ATTEN ASSY
	202H-3 202H-4 202H-5	- PROC FOR MEAS SIG-TO-NOISE RATIO MAY66 RF WAVEFORM DISTORTION - SER BELOW 650.REPL OF 68K7 WITH 12AT7

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204C-H20	MAN CHANGE OPER & SERV MAN INSTALL NOTE	AUG78 00204-90005 AUG71 00204-90002 DEC84 00204-90022	MAR79 00204-90055 MAY75 00204-99052* FEB85 00204-90222	01 09 02 USE 2	04C-H20 FICHE 00204-90055
2040	OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER MOTE	DEC76 00204-90005 AUG78 00204-90005 AUG71 00204-90002 DEC84 00204-90021	MAR79 00204-90055 MAY75 00204-99052* FEB85 00204-90221	01 09 02 USE 2	04D FICHE 00204-90055
	INSTALL NOTE INSTALL NOTE SERV NOTE SET BELOW 2040-1	DEC84 00204-90022 AUG85 00209-90011 NOV69 WA SAFETY.SE	FEB85 00204-90222 NOV85 00209-90211 OCT81	8L 01 A1 01 8L 01 A1 01	TO ATTON

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04C-H2O	MAN CHANGE OPER & SERV MAN INSTALL NOTE	AUG71	00204-90005 00204-90002 00204-90022	MAR79 MAY75	00204-90055 00204-99052* 00204-90222	8L 0	1 09 1 09	02	USE 2040-H20 FICHE 00204-90055
040	OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER MOTE INSTALL NOTE INSTALL NOTE SERV NOTE SET BELOW 204D-1 204D-2 204D-3 204C/D-3B CONT'D 204C/D-4 CONT'D	AUG78 AUG71 DEC84 DEC84 AUG85 NOV69 DEC75 AUG81 AUG79	WA SER 2040,2040 BATTERIES (OF WN SAFETY.2040:(MAY75 FEB85 FEB85 NOV85 OCT81 ELOW 9 POTEN JPDATE -H20: T 002	TIAL REVISION TO LIST CORR D989A18215 & (ONLY)	8L 0 8L 0 8L 0 ND CO S ECT P BELOW	1 09 1 A1 1 A1 1 A1 NTIN N FO 204	02 01 01 01 01 UITY R 01 D:11	USE 204D FICHE 00204-90055 (MODIFICATION UTPUT ATTEN ASSY AIR46 (5061-0760) 105A05485 & BELOW. MOD TO ACCEPT NEW TYPE 02:0989A14855 & BELOW, 204D:1105A02415
05A	CPER & SERV MAN	EF.0	00205-90010		00205-90060		Maria in	01	
05A/AG	SERV NOTE SET BELOW 205A/AG-1B 205A/AG-2B 205A/AG-3 205AG-4 205AG-5	AUG67	FREQ RANGE SI REPL OUTPUT / FREQ RANGE SI CHANGE IN REI REPL 6L6G(GL/	TTEN TITCH PL DIO	REPLACEMEND Installation Replacement Des) FOR	V 5	AND	V6
05AG	OPER & SERV MAN OPER & SERV MAN		00205-90004 00205-90010		00205-90054* 00205-90060	8L 0	1 09 1 09	02	USE 205AG FICHE 00205-90060
05AH	INSTRUCT & OPER MAN	JAN52	205AH-910	SEP80	5080-5631	8L 0	1 09	01	가는데 가는 사람들이 있는 것이 가장 하는 것은 것은 회사에 가장 되었다. 사용하는 사용하는 것이 되었다. 사용하는 것은 것은 것이 되었다.
074	OPER INSTRUCTIONS OPER & SERV MAN MAN CHANGE BACKDATE	DEC63	00207-90008 207A-901 207A-901		00207-90502 207A-951	8L 0			
07E	OPER & SERV MAN	DEC62	00207-90009	DEC81	00207-90505	8L 0	1 21	01	
07H	INST MAN HAN CHANGE SERV NOTE SET BELOW 207H-1	NOV74	00207-90007 00207-90007 WO SER 635A THRU	JAN80	5950-1968 A.REC REPL FO	8L 0			50-0425
070A	SERV NOTE SET BELOW 2070A-1		WA ALL 2070A OP1	MAY78					
08 A	OPER & SERV MAN MAN CHANGE	JUN70	00208-90003 00208-90003		00208-90053	:::-		4.1	
09 A	OPER & SERV MAN MAN CHANGE OPER NOTE INSTALL NOTE SERV NOTE SET BELOW	JUL78 DEC84 AUG85	00209-90004 00209-90004 00209-90010 00209-90011	FEB85	00209-90054 00209-90210 00209-90211	8L 0	1 A1	01	

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	310A	OPER & SER
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		310A-8
		310A-9A 310A-10
	312A	OPER & SER
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)9 A	209A-1 209A-2	The NOT AVAILABLE SEED TO THE RESERVE THE SEED TO THE SEED THE SEED TO THE SEED THE
	209A-3	SER BELOW 818-00500.MOD TO IMPR PERF APR69 WN REV FLATNESS CHECK
	209A-4 209A-5	JUL69 WA SAFETY.SER 818-00951 THRU 818-01149. FRONT PANEL GROUNDING MODIFICATION
	209A-6	JAN7O SER 818-01777 + DOWN.A1CR12 REPLACMNT JUN7O WO SER 818-02326 + DOWN.A2C1,A2C2 REPL
	209A-7 209A-8	DEC75 WN SAFETY.REV TO MINIMIZE SHOCK POTENTAL
		OCT79 WN SAFETY.SER 1045A05846 & BELOW.MOD TO IMPROVE SAFETY GRNDING
)	OPER & SERV MAN	JANOO 210A-501H MAR71 210A-551H 01 09 01
	SERV NOTE SET BELOW 2104-1A	ADJ + TROUBLESHOOTING PROC

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209 A	209A-1 209A-2 209A-3 209A-4 209A-5 209A-6 209A-7 209A-8	- NOT AVAILABLE SER BELOW 818-00500.MOD TO IMPR PERF APR69 WN REV FLATNESS CHECK JUL69 WA SAFETY.SER 818-00951 THRU 818-01149.FRONT PANEL GROUNDING MODIFICATION JAN70 SER 818-01777 + DOWN.A1CR12 REPLACEMNT JUN70 WO SER 818-02326 + DOWN.A2C1,A2C2 REPL DEC75 WN SAFETY.REV TO MINIMIZE SHOCK POTENTAL OCT79 WN SAFETY.SER 1045A05846 & BELOW.MOD TO IMPROVE SAFETY GRNDING
≥10 A	OPER & SERV MAN SERV NOTE SET BELOW 2104-14	JANOO 210A-501H MAR71 210A-551H 01 09 01
	OPER & SERV MAN MAN CHANGE INSTALL MAN MAN CHANGE SERV NOTE SET BELON 211A-1 211A-2 211A-3 211A-4	JUN66 211A-901 SEP74 211A-801 01 08 02 JUN70 211A-901 JAN69 00211-90013 MAR84 5951-6329 8L 01 21 01 NOV71 00211-90013 MAY78 - ALL SER.PARTS REPL - SER BELOW 2563.MOD TO RED HUM + OVERSHOOT IN 75 OHM OUTPUT OCT65 SER BELOW 501-07789.IMPR LOW LEVEL OPERATION AUG66 SER BELOW 501-08814.V13 TUBE REC REPL
118	OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 2118-1 2118-2 2118-3	MAR71 C0211-90901 DEC75 00211-90801* 8L 01 08 02 USE 211B FICHE 00211-90802 DEC76 00211-90902 JUN83 00211-90802 8L 01 08 01 MAY78 DEC71 HO SER 0817A.ASSY ERROR SEP72 WO SER 817 THRU 1218A. EXT SYNC WIRING ERROR DEC74 WO ALL SER.600 OHM OUTPUT IMPROVEMENT
	OPER & SERV MAN SERV NOTE SET BELOW 212A-1 212A-2A 212A-3A 212A-4	MAY65 00212-9001 OCT74 00212-9002 01 08 02 SERIAL 7176 & HIGHER & SERIAL PFXES JAN62 212A-501A HAR77 00212-9003 8L 01 08 02 SERIAL 7175 & BELOW MAY78 - NOT AVAILABLE MAR67 POWER LINE FILTER KIT HAY67 SER BELOW 3388.REACTOR ASSEMBLY - NOT AVAILABLE MAY71 WO SER BELOW 4081.REC THYRATRON REPL - PULSE LENGTH POTENTIOMETER REPL APR65 SER BELOW 6275.REPL FAN KIT - SER BELOW 7076.REPL FILTER CAPACITORS - SER BELOW 214-1152<.CAP REPL KIT
213A	OPER & SERV MAN OPER INSTRUCT SERV NOTE SET BELOW 213A-1A	SEP61 213A-900 SEP71 213A-800 01 08 C1 JANOO 00213-90500 FEB78 5951-6202 8L 01 21 01 MAY78 - OUTPUT CONNECTOR-DIODE ASSY REPL
138	OPER & SERV MAN	JANOO 2138-901 FE874 2139-801 01 08 01
114A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUL68 00214-90908 FEB73 00214-90808* 01 08 02 USE 214A FICHE 00214-90810 NOV75 00214-90910 MAR77 00214-90810 8L 01 08 02 APR76 00214-90910 JUL79 MAY64 SER BELOW 414-00851.MOD TO IMPR PROTECTION OF OUTPUT DIODES (KIT 00214-69501)

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NUM©ER 312a/b/c/d	C TYPE SERV NOTE SET
	312A/B/C/D-5 312B/D-6 312B/D-7
3128 3120	OPER & SERV N MAN CHANGE OPER & SERV N
3120	OPER & SERV N MAN CHANGE
3134	OPER & SERV N Man Change
320A 320B	INSTRUCT & OF
3200A	OPER & SERV N MAN CHANGE SERV NOTE SET 32004-1
32008	3200A-2 3200A-3/3200E OPER & SERV N
	MAN CHANGE SERV NOTE SET 3200A-3/3200E 3200B-1
	32008-2 32008-3 32008-4 32008-6
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11/08/85 PAGE 106 MODEL 0 LITERATURE H/C FICHE PART M P D P H/C PART FICHE NUMBER C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 214A-2 2144 NOV65 SER BELOW 433. IMPR HEAT DISSIPAT MOD 214A-38 SER BELOW 545-02126.UPDATING MOD DEC66 JUN66 WN SER BELOW 550-02201. MOD TO RED TRAILING EDGE OVERSHOOT 214A-4A SER BELOW 722-04075. MOD TO PREV LOSS OF TRIG CUTPT PULSES AT LOW LINE VOLTAGE 2144-5 FEB68 214A-6B MAR69 WN ALL SER.CONV 50/60 FAN TO 50/60/400 214A-7 DEC68 SER BELOW 921.LINE FILTR REPL KIT 214A-8 JUL74 WN ALL SER. PRODUCT SAFETY COMPLIANCE FEB75 WO ALL SER. IMPROVED 100V OPERATION 2144-9 2148 OPER & SERV MAN MAKSO 00214-90012 JUN80 00214-95012 8L 01 B1 03 SERV NOTE SET BELOW JAN80 2148-1 DEC78 WA SER 1718G00189 & BELOW-REC VMOS POWER FET REPL & PROTECTION JUL79 WO SER 1846G00321 & BELOW.PWR SUPPLY MOD 2148-2 2148-001 OPER & SERV MAN MAR80 00214-90012 JUN80 00214-95012 8L 01 B1 03 2148-907 OPER & SERV MAN MAR80 00214-90012 JUN80 00214-95012 8L 01 B1 03 214B-908 OPER & SERV MAN MAR80 00214-90012 JUN80 00214-95012 8L 01 B1 03 2148-909 OPER & SERV MAN MAR80 00214-90012 JUN80 00214-95012 8L 01 B1 03 216A OPER & SERV MAN AUG66 00216-90902 APR71 00216-90802 01 08 02 JUL69 00216-90902 MAN CHANGE SERV NOTE SET BELOW NOV69 WN SER BELOW 717-00450-MOD TO IMPROVE COUNT-DOWN MY + RATE GENERATOR OPERATION 216A-1A 2164-2 SER BELOW 820-00546.HF PART 1850-0099.SUB TEXAS INSTR 2N964 FOR MOTOROLA 2N964 MAR68 218A OPER & SERV MAN JAN00 218A-501A 8L 01 02 02 SERIAL 1 THRU 203 JUL80 00218-9005 OPER & SERV MAN MAR60 218A-501B 8L 01 02 02 SER PFX 002 THRU 203 JUL80 00218-9007 OPER & SERV HAN JUN67 00218-9003 JUL80 00218-9004 8L 01 02 02 SER PFX 204 & ABOVE SERV NOTE SET BELOW MAY78 SER BELOW 01600226. DELAY UNIT + LUCKOUT GATE CIR MOD TO IMPR COUNT + SYSTEM TRIG 218A-1A 218A-2A SER BELOW 016-00465. UPDATING MOD 219A OPER & SERV MAN AUG69 00219-9004 APR71 00219-9005 01 02 02 INSTRUCT MAN JAN64 00219-90006 APR81 00219-90020 8L 01 21 01 219B OPER & SERV MAN AUG69 00219-9004 APR71 00219-9005 01 02 02 SERV NOTE SET BELOW MAY78 DEC67 WO REC REPL FOR CR702 + CR706 2198-1A 219C OPER & SERV MAN AUG69 00219-9004 APR71 00219-9005 01 02 02 22 OPER & SERV MAN JUN65 00022-91327 OCT74 00022-90057 01 11 01 220A SERV NOTE SET BELOW MAY78 MAR69 WO SER BELOW 909-00326. OUTPUT SATURATION MODIFICATION 22UA-1 JAN71 00221-90902 OPER NOTE 221A FEB72 00221-90802 01 08 01 CPER NOTE CHANGE JAN72 00221-90902 SERV NOTE SET BELOW MAY78 221A-1 HO SER BELOW 927-00161. MOD FOR IMPR PERF 2210 SERV NOTE SET BELOW MAY78

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	SERV NOTE SET BELOW 219B-1A	DEC67 WO REC REPL FOR CR702 + CR708
219C	OPER & SERV MAN	AUG69 00219-9004 APR71 00219-9005 01 02 02
22	OPER & SERV MAN	JUN65 00022-91327 0CT74 00022-90057 01 11 01
220A	SERV NOTE SET BELOW 220A-1	MAY78 MAR69 WO SER BELOW 909-00326.OUTPUT SATURATION MODIFICATION
221A	OPER NOTE CPER NOTE CHANGE SERV NOTE SET BELOW 221A-1	JAN71 00221-90902 FEB72 00221-90802 01 08 01 JAN72 00221-90902 MAY78 - WO SER BELOW 927-00161 MOD FOR IMPR PERF
2210	SERV NOTE SET BELOW	

PAGE 92 IPTION ***	11/08/85 MODEL NUMBER	PAGE 107 O LITERATURE H/C H/C PART FICHE FICHE PART M P D P C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
	2210	2210-1 - REC REPL OF AZ CHOPPER STAB AMPLFR.NOT AVAILABLE
	2212A	SERV NOTE SET BELOW 2212A-1 2212A-2 AUG67 SER BELOW 644REC REPL FOR A3C17. 2212A-3 SEP67 NO SER BELOW 730MOD STOP ERRONEOUS COUNT AT LOW TEMPERATURE 2212A-4 NOV68 NA MOD TO SPEED UP OERLOAD RECOVERY 2212A-5 NOV68 NA MOD RED FHR SUPPLY RIPPLE 2212A-6 NOV68 NO PREFERRED REPLACEMENT TRANSISTORS 2212A-7 JAN69 NO SER BELOW 748MOD ELIM OSCILLATION 2212A-8 JAN69 NO SER BELOW 804MOD STOP LOCK-UP NEAR ZERO 2212A-9 SEP69 NA MANUAL CORRECTION 2212A-10 OCT71 NO A3 BRD DATE BELOW 1132-6.FREQ STABILITY AT LOW LINE VOLTAGES
	255¥	OPER & SERV MAN
	226A	OPER & SERV MAN DEC71 00226-90901 APR74 00226-90801 01 08 03 MAN CHANGE AUG73 00226-90901
	230A	INSTRUCT & OPER MAN JANOO 230A-910 AUG81 00230-91000 8L 01 09 01 OPER & SERV MAN NOV68 00230-90038 JUL83 5951-6474 8L 01 21 01 SERV NOTE SET BELOW MAY70 230A-1 - IMPR DETENT ACTION OF BAND SWITCHER 230A-2A - REPL PISTON CAP PROCEDURE 230A-3A 1964 SER 727.INSTALL OF DETENT MOD KIT TO IMPR BANDSWICH DETENT ACTION 230A-4 MAR66 SER BELOW 525-1244.REPAIR STOP COLLAR (IN FREQUENCY CONTROL SHAFT 230A-5A - RF ALIGN; REPL TUBES, PISTONS; MOD; ADD OPERATING PRECAUTIONS + SERVICE INFORMATION 230A-6 - REPL 00230-60024 CAPACITOR PISTONS 230A-7 OCT68 ILLUSTRATED PARTS IDENTIFICATION
	2308	OPER & SERV MAN AUG69 00230-90039 JUN83 00230-90042 8L 01 21 01 MAN CHANGE JAN72 00230-90039
	2310c	SERV NOTE SET BELOW 2311A-1 MAY71 WA 2311A SUBSYSTERS SOFTWARE REFINEMENTS 12723A-1 JAN73 MINIVERTER SERVICE KIT
	23114	SERV NOTE SET BELOW 2311A-1 23123A-1 MAY71 WA 2311A SUBSYSTEMS SOFTWARE REFINEMENTS 12723A-1 JAN73 MINIVERTER SERVICE KIT
	2315V	SERV NOTE SET BELON 2311A-1 MAY71 WA 2311A SUBSYSTEMS SOFTWARE REFINEMENTS 12723A-1 JAN73 MINIVERTER SERVICE KIT
	232	OPER & SERV MAN SEP81 03497-90012 NOV81 03497-90062* 8L 01 09 02 USE 3497A FICHE 03497-90065
	2 3 2A	OPER & SERV MAN JUN61 232A-900 JUL75 232A-950 01 09 01

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	2311A-1 12723A-1	NY71 WA 2311A SUBSYSTEMS SOFTWARE REFINE NN73 MINIVERTER SERVICE KIT	
2311A	SERV NOTE SET BELOW 2311A-1 12723A-1	MAY78 AY71 WA 2311A SUBSYSTEMS SOFTWARE REFINE AN73 MINIVERTER SERVICE KIT	
2312 A	SERV NOTE SET BELOW 2311A-1 12723A-1	MAY78 AY71 WA 2311A SUBSYSTEMS SOFTWARE REFINE AN73 MINIVERTER SERVICE KIT	EMENTS
232	OPER & SERV MAN	EP81 03497-90012 NOV81 03497-90062*	8L 01 09 02 USE 3497A FICHE 03497-90065
2328	OPER & SERV MAN	JN61 232A-900 JUL75 232A-950	01 09 01
44/00/02			PAGE 108
11/08/85 Model Number	O LITERATURE C TYPE	A/C H/C PART FICHE FICHE PART DATE NUMBER DATE NUMBER *** DESCRIPTION *** DESCRIPTION **	さいしょう しゅんしょう たいくりょう いいしょく だいりゅう こうけい とうこうり しょかい かいしゅい しょうしゅ ひき さき 三年代 足権 原理的 オンバー
232A	MAN CHANGE B INSTRUCT MAN MAN CHANGE	AN63 232A-900 JUL75 232A-950 AN56 00232-90015 OCT80 00232-91001 CT73 00232-90015	01 09 01 8L 01 21 01
	SERV NOTE SET BELOW 232A-4	APR79 CT73 WN ALL SER.MOD TO CONV FROM 20 TO 4	10 CHANNELS.SUPER 232A-1,-2,-3.
233A	OPER & SERV MAN	AY61 233A-910 APR71 233A-960	01 09 01

MODEL Number	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
232A	INSTRUCT MAN Man Change	JAN63 232A-900 JUL75 232A-950 01 09 01 JAN56 00232-90015 0CT80 00232-91001 8L 01 21 01 OCT73 00232-90015
	SERV NOTE SET BELOW 232A-4	OCT73 WN ALL SER.MOD TO CONV FROM 20 TO 40 CHANNELS.SUPER 232A-1,-2,-3.
2 33A	MAN CHANGE	MAY61 233A-910 APR71 233A-960 01 09 01 JAN64 233A-910 JUN62 233A-910
234A	INSTRUCT & OPER MAN	JUL52 234A-501A AUG72 5080-5651 8L 01 09 01
235A	INSTRUCTION MAN	JANOO C0235-90501 JUN72 00235-90502 01 21 02
236A	SERV NOTE SET BELOW 236A/AH-1 236A-2 236A-3	DEC76 00236-90006 FEB77 00236-90056 8L 01 09 02 JAN81 NOT AVAILABLE AUG76 WA SER 1107A06376 TO 1107A06773.PWR SWITCH REPAIR JUL77 WA SER 1107A06375 & BELOW.IMPROVED PINS ON A-1 BOARD AUG80 WA APPROX SERS 1107A07800 TO 1107A08100.FRONT COVER NOD TO PROPERLY TURN INSTR OFF WHEN COVER IS INSTALLED
236A-H01		SEP70 00236-90003 JUN75 00236-y0053 01 09 01 MAY74 00236-90003
239A	SERV NOTE SET BELOW 239A-1 CONT'D	APR78 00239-90000 JUN78 00239-90050 8L 01 09 02 OCT80 DEC78 WA SAFETY.SER 18;4A00100 THRU 1814A00226. PROC FOR CORRECTION OF WIRING OF GROUND SELECT SWITCH. DEC78 WA SER 1814A00100 THRU 1814A00231. PROC FOR CORRECTION OF AMPLITUDE INSTABILITY. JUL80 WA SER 1814A00805 & BELOW.SOLUTION TO INADEQUATE FREQ VERNIER OVERLAP
240A	OPER & SERV MAN	DEC65 00240-90010 JAN82 5951-6467 8L 01 21 01
2401A		JUL63 02401-9029 AUG75 5080-5794 8L 01 22 04 DEC63 02401-9029
2401B/c	CONT'D 2401C-3 2401C-4 2401C-5 2401C-6 2401C-7 2401C-8 2401C-9 2401C-10	- NOT AVAILABLE NOV65 2401B SER 444-01536 + UP.2401C SER BELOW 526-00221.CHANGE RESIST VALVE TO STOP OCCAISIONAL HANGUP OF DY-2010 SYSTEM APR66 SER BELOW 605MOD STOP CHANGES IN DISPLAY DURING RESET SEP67 WA SER BELOW 739ADD RESIST ASSURE ADEQUATE PRINT COMMAND WHEN DRIVING 2116A COMPUTER NOV67 WO SER BELOW 735PREF REPL LINE FILTER JAN68 WO SER BELOW 739MOD STOPS OSCIL + +12V POWER SUPPLY (CAUSING +2 NOISE COUNT) OCT68 WO OSCIL POWER SUPPLIES OCT68 WA SER BELOW 751-02187 MODEL 2401C-M31.MOD STOP AUTO-RANGE FAIL AT HI AMBIENT TEMP JUN69 HO SER BELOW 811-02568.REC TRANS REPL OCT70 WO SER BELOW 1020A02897.REC REPL TRANS A44Q5
2 4 02A	SERV NOTE SET BELOW 2402A-2 2402A-3	#AY78 - ALL SER.POS DAMG TO MOTHER BOARD WHEN USING FREQ OPT TO MEAS LINE FREQ.NOT AVAILABLE - CHOPPER ASSEMBLY PN CHANGE.NOT AVAIL

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	2401C-4 2401C-5	SEP67 WA	SER BELOW 739 ADD RESIST ASSURE ADEQUATE PRINT COMMAND WHEN DRIVING 2116A COMPUTER
	2401C-6	JAN68 WO	SER BELOW 735PREF REPL LINE FILTER SER BELOW 739MOD STOPS OSCIL + +12V POWER SUPPLY (CAUSING +2 NOISE COUNT)
		OCT68 WO	- OSCIL! POWER: SUPPLIES - 医肾盂 经存储法权利的的证据 医乳腺管 的过去式和过去分词 医抗性神经炎性神经炎性神经炎性神经炎
	2401C-9	JUNGA HO	SER BELOW 751-02187 MODEL 2401C-M31.MOD STOP AUTO-RANGE FAIL AT HI AMBIENT TEMP SER BELOW 811-02568.REC TRANS REPL
	2401c-10 2401A/B/c-11/2402A-	OCT70 WO	SER BELOW 1020A02897.REC REPL TRANS A44Q5 INST STORAGE PRECAUTION
	5/2411A-1/2460A-4		ARTE EN PORTE DE COMPANION DE LA COMPANION DE La companion de la Companion d
2402A	SERV NOTE SET BELOW		
	2402A-2 2402A-3		ALL SER.POS DAMG TO MOTHER BOARD WHEN USING FREQ OPT TO MEAS LINE FREQ.NOT AVAILABLE CHOPPER ASSEMBLY PN CHANGE.NOT AVAIL
			마지 사용하다 현실 경기 시간 경기 전략 경기에 가는 이번 하는 이 전략 사용이 되었다. 그는 그는 사람들이 되었다는 기업을 하는 것이 되었다는 것이 되었다. 보이는 사람들은 사용하는 것이 되었다는 것이 되었다는 것이 되었다. 그는 사용하는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다. 보이는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다는 것이 되었다.

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11/08/85 MODEL NUMBER

11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 109
2 402 A	5/2411A-1/2460A-4	NOV69 WN FIELD INSTALLATION OF OPT 11.SUPER 2402A-1 MAY71 WN INSTRUMENT STORAGE PRECAUTION	
	2402A-6	MAY71 WN BUFR AMP FAIL & OVLD RECOVERY TIME	
41A	OPER & SERV MAN SERV NOTE SET BELOW	DEC72 00241-90005 FEB73 00241-90055 01 09 02 APR79	
	241A-1 241A-2A-S	FEB65 SER BELOW 324-00929.IMPR STAB TIME APR76 WN SAFETY.SHOCK POTENTIAL REVISIONS	
2410A	SERV NOTE SET BELOW 2410A-1 2410A-2	MAY78 NOV65 REPL OF AC/DC CONVERTER ASSY JAN68 WN SER BELOW 750-01216.PREF REPL FOR K23	
4108	SERV NOTE SET BELOW 2410B-1	MAY78 JAN68 WN SER BELOW 750-01216.PREF REPL FOR K23	
4114	SERV NOTE SET BELOW 2401A/B/C-11/2402A-	사이에 하는 것이 되는 것이 되는 것이 되었다. 그런 사이에 되는 것이 되었다. 그런 것이 되었다는 것이 되었다. 그런 것이 되었다는 것이 되었다는 것이 되었다. 그런 것이 되었다. 	
	5/2411A-1/2460A-4	MAY71 WH INSTRUMENT STORAGE PRECAUTION	
45C	INSTRUCT MAN	JUN63 D0245-90012 NOV77 5951-6204 8L D1 21 D1	
+5D	INSTRUCT MAN	JUN63 00245-90012 NOV77 5951-6204 8L 01 21 01	
460A	SERV NOTE SET BELOW 2460A-1 2460A-2 2460A-3 2401A/B/C-11/2402A-	MAY78 SEP63 SER BELOW 00166.CHOPPER AMP BRD MOD - MOD TO 2460A CONNECTOR KIT - NOT AVAILABLE MAY71 WN INSTRUMENT STORAGE PRECAUTION	
470A	SERV NOTE SET BELOW 2470A-1 2470A-2 2470A-3 2470A-4 2470A-5 2470A-6 2470A-7	MAY78 AUG67 SER BELOW 644MOD RED ZERO DRIFT SEP67 WO SER BELOW 732MOD STOP OSCIL LO TEMP OCT68 WO OSCIL TURN-ON + LO AMBIENT TEMP OCT68 HA MOD SPEEP UP OVERLOAD RECOVERY - IMP RIPPLE + REGLTS FOR +18 VOLT SUPPLY.NOT AVAILABLE NOV68 WO MOD RED PWR SUPPLY RIPPLE SEP69 WA MAN CORREC PREAMP INT ZERO SETUP	
5 8	OPER & MAINT MAN MAN CHANGE	JAN00 00025-91339 0CT74 00025-90059 01 11 01 FEB66 00025-91339	
50A	OPER & SERV MAN INSTRUCTION MAN TEST & ALIGN PROCDS SERV NOTE SET BELOW 250A-1	JAN64 00250-90033	
2508	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	MAR68 00250-90037 FEB85 00250-90041 8L 01 21 02 DEC77 00250-90037 MAY78	
	2508-1 2508-2	APR69 WO RF TRANS REPLACEMENTS SEP69 WO SER 737.MOD TO PREVENT POWER SUPPLY TURN ON SURGES	

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JAN64 00250-90033 OCT70 00250-90040* 01 21 01 USE 250A FICHE 5951-6205 250A OPER & SERV MAN INSTRUCTION MAN JAN64 00250-90033 NOV78 5951-6205 &L 01 21 02 TEST & ALIGN PROCDS JANOO NONE SERV NOTE SET BELOW MAY78 SHAFT STOP MODIFICATION 250A-1 250B OPER & SERV MAN MAR68 00250-90037 FEB85 00250-90041 8L 01 21 02 DEC77 00250-90037 MAN CHANGE SERV NOTE SET BELOW MAY78 2508-1 APR69 WO RF TRANS REPLACEMENTS 250B-2 SEP69 WO SER 737. MOD TO PREVENT POWER SUPPLY TURN ON SURGES

11/08/85 PAGE 110 0 LITERATURE H/C FICHE PART M MODEL H/C PART FICHE P L T V G NUMBER C TYPE NUMBER DATE NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 2509A SERV NOTE BELOW MAY78 2509A-1 SER BELOW 433- MOD TO CORREC TIME ERROR CIRCUIT FAILURE AUG65 2545A SERV HOTE SET BELOW MAY78 2545A-1 NOT AVAILABLE 2545A-2 NOT AVAILABLE SER JELOW 405-REMOVE CAPACITOR TO ELIM INTERMITTENT EXTRA CHARACTERS (ZEROS) 2545A-3A MAY67 SER BELOW 405-00092.MOD EARLY 2545'S FOR COMPAT WITH 2401B INTEGRAT DIGITAL VOLTMETR 2545A-4 JUN65 2545C SERV NOTE SET BELOW MAY78 MAY67 2545C-1 LUB INSTRUCT FOR BRPE-11 TAPE PUNCH 2545C-2 FEB69 WN ILLUST PRTS LISTING CEC 500 SERIES DRIVE UNIT 2546 SERV NOTE SET BELOW MAY78 2546-1 SEP67 WN PROC READ 200 BPI TAPE RECORD, CHARACTER BY CHARACTER 2547A SERV NOTE SET BELOW MAY78 NOV68 WO A12 REV CODE E-747-6. MOD IMPR REL 2547A-1 2547A-2 FEB69 WA A16 REV CODE BELOW E-747-6. ERRONEOUS CHARACTER REC JUL71 WO INCORREC DATA TRANSFER.2570/2575A COUPLER CONTROLLERS 25474-3 2570A SERV NOTE SET BELOW MAY78 2570A-1/2575A-1 DEC70 WN SPECIAL WARNING WHEN REMOVING CALCULATOR 1/0 CARD FROM 2570A OR 2575A COUPLR/CNTRL 2570A-2/2575A-2 DEC72 WN REPL PHOTON COUPLD DIODES 2575A SERV NOTE SET BELOW MAY78 2570A-1/2575A-1 DEC70 WN SPECIAL WARNING WHEN REMOVING CALCULATOR I/O CARD FROM 2570A OR 2575A COUPLR/CNTRL 2570A-2/2575A-2 DEC72 WN REPL PHOTON COUPLD DIODES 2590B SERV NOTE SET BELOW MAY78 SER BELOW 710- MOD RED 30 MHZ SIGNAL AT AUDIO OUTPUT JACK 2590B-1A MAY67 JUL73 00260-90021 260A INSTRUCTION MAN JANOD 00260-90018 01 21 02 MAN CHANGE FEB73 00260-90018 SERV NOTE SET BELOW MAY78 ALL SER.PWR SUPPLY MOD TO RED INPT CONDUCTANCE 260A-1 JUN60 00275-90007 275A JAN82 00275-90008 8L 01 21 01 INSTRUCT MAN OPER & SERV MAN JAN69 02801-9039 2801A NOV77 02801-98039 8L 01 38 03 JAN77 U2801-9039 MAN CHANGE SERV NOTE SET BELOW **0CT78** AUG76 WN ALL SER. CHNG THER CELSIUS TO F. 2801A-1 AUG76 WN ALL SER. CHNG THER F. TO CELSIUS 2801A-2 NOV77 02802-90005 8L 01 38 01 2802A OPER & SERV MAN JUN77 02802-90004 SERV NOTE SET BELOW OCT78 JUL75 WA ALL SER MOD TO PREVENT DIFF IN READINGS-NORMAL & EXPANDED RANGES 2802A-1 JAN76 WN ALL SER. 18641A, 18642A, 18643A PROBE LKG AT HI HUMIDITY 2803V-5 28023A SERV NOTE SET BELOW MAY78 28023B-1A NOT AVAILABLE 28035A SERV NOTE SET BELOW MAY78

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PAGE 111 11/08/85 LITERATURE FICHE FICHE PART M P D MODEL 0 H/C H/C PART NUMBER L T V G NUMBER TYPE NUMBER DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

11/08/85 MODEL NUMBER 2802A NOV77 02802-90005 8L 01 38 01 0CT78 OPER & SERV MAN JUN77 02802-90004 SERV NOTE SET BELOW 2802A-1 2802A-2 JUL75 WA ALL SER. MOD TO PREVENT DIFF IN READINGS-NORMAL & EXPANDED RANGES JAN76 WN ALL SER. 18641A, 18642A, 18643A PROBE LKG AT HI HUMIDITY 28023A SERV NOTE SET BELOW 28023B-1A MAY78 NOT AVAILABLE 28035A SERV NOTE SET BELOW MAY78

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11/08/85 Model Number	0 LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
28035A	28035A-1	JAN74 ALL SER.REC SPARE PARTS FOR THREE LEVELS OF REPAIR
28036A	SERV NOTE SET BELOW 28036A-1	그렇게 하다가 한 문에 나가 되었다면 살 때문 한 장면 이 보고 있었다면, 그런 토토를 열린 장이 되는 것만이 되었다. 잘 통해 된 그런 사람들이 전기하면 모든 호텔에 이번 때문은 하다
28037A	SERV NOTE SET BELOW 28037A-1	MAY78 SEP73 ALL SER.REC SPARE PARTS FOR THREE LEVELS OF SYSTEM REPAIR
28039A	SERV NOTE SET BELOW 28039A-1	JUN74 ALL SER.REC SPARE PARTS FOR THREE LEVELS OF REPAIR
2804A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 2804A-1 2804A-2 2804A-3	UL80 02804-90001 AUG84 02804-90002 8L 01 02 03 JUL83 02804-90001 APR80 DEC78 WO SER 1744A00277 & BELOW.MOD TO CORRECT EOI LINE WITH HP-IB. AUG79 WA ALL SER.MOD TO PREVENT RANDOM RESET SEP79 WN ALL SER.INSTRUCTS FOR FIELD INSTALL OF OPT 010 (HP-IB)
28048A	SERV NOTE SET BELOW 28048A-1	MAY78 OCT73 ALL SER.REC SPARE PARTS FOR THREE LEVELS OF SYSTEM REPAIR
28084A	SERV NOTE SET BELOW 28084A-1 28084A-2	MAY78 - NOT AVAILABLE NOT AVAILABLE
281A	OPER NOTE OPER & SERV MAN OPER & SERV MAN	FEB73 00281-90016 MAR73 00281-90017* 01 04 01 USE 281A FICHE 00281-90042 JUL80 00281-90041 OCT80 00281-90042* 8L 01 04 01 USE 281A FICHE 00281-90046 MAR84 00281-90046 8L 01 04 01
2819	OPER NOTE OPER & SERV MAN OPER & SERV MAN	FEB73 00281-90016 MAR73 00281-90017* 01 04 01 USE 281B FICHE 00281-90042 JUL80 00281-90041
28118	OPER & SERV MAN MAN CHANGE SERV MAN OPER NOTE	NOV76 02811-90031 SEP84 02811-90032 8L 01 02 02 JUN84 02811-90031 AUG77 02811-90043 JUL84 02811-90044 8L 01 38 01 APR75 02811-90039 APR85 02811-90040 8L 01 38 01
2813B	OPER & SERV MAN	MAY84 02813-90067 JUL84 02813-90068 8L 01 02 03
2813C	OPER & SERV MAN MAN SUPP	FEB85 02813-90063 MAY85 02813-90064 8L 01 02 03 FEB85 02813-90065 MAY85 02813-90069 8L 01 02 01
2813D	OPER & SERV MAN Man Supp	FEB85 02813-90063 MAY85 02813-90064 8L 01 02 03 FEB85 02813-90065 MAY85 02813-90069 8L 01 02 01
2816A	SERV NOTE SET BELOW 2816A-1 2816A-2	OCT78 FEB77 WO SER BELOW 1312A00161.POT PWR SUPPLY OSC PROBLEM FEB77 WO SER BELOW 1312A00186.IMPR IN OUTPUT WAVEFORM TO PREVENT DOUBLE-COUNTS
2901A	SERV NOTE SET BELOW 2901A-1	MAY78 SEP67 WO SER BELOW 534-00298.MOD STOP ACCIDENTAL CHNL SKIP DUE TO NOISE
2901B	SERV NOTE SET BELOW 29018-1	MAY78 SEP67 WO SER BELOW 534-00298.MOD STOP ACCIDENTAL CHNL SKIP DUE TO NOISE

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SERV NOTE SET BELOW

11/08/85 PAGE 112 MODEL 0 LITERATURE H/C H/C PART Number FICHE FICHE PART M P D P DATE NUMBER L T V G NUMBER C TYPE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

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1/08/85 MODEL NUMBER

11/08/85 MODEL NUMBER

3330A

33308

33311B

33311C

33330B/C

3335A

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SEKA MAIE SEI REFAM
                                   FEB77 WO SER BELOW 1312A00161.POT PWR SUPPLY OSC PROBLEM
               2816A-1
               2816A-2
                                   FEB77 WO SER BELOW 1312A00186. IMPR IN OUTPUT WAVEFORM TO PREVENT DOUBLE-COUNTS
2901A
               SERV NOTE SET BELOW
                                                          MAY78
               2901A-1
                                   SEP67 WO SER BELOW 534-00298. MOD STOP ACCIDENTAL CHNL SKIP DUE TO NOISE
2901B
               SERV NOTE SET BELOW
                                                          MAY78
               2901B-1
                                   SEP67 WO SER BELOW 534-00298. MOD STOP ACCIDENTAL CHNL SKIP DUE TO NOISE
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PAGE 98

11/08/85 PAGE 112 MODEL 0 H/C LITERATURE H/C PART FICHE FICHE PART M C NUMBER TYPE DATE NUMBER NUMBER DATE TVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 2911B SERV NOTE SET BELOW MAY78 2911B-1 AUG65 SER BELOW 437- MOD ASSURE PROPER TIMED START 2911B-2B JUN66 SER BELOH 509-. MOD STOP RANDOM CHAL SKIPPING 2911B-3 APR67 SER BELOW 630-00243. HOD PERMIT REMOTE STARTING + RESETTING WHEN OPER 2515A SCANNER 2911C SERV NOTE SET BELOW MAY78 2911C-1 MOD ELIM FAULT SKIP CODE JUN65 2922A SERV NOTE SET BELOW MAY78 SEP70 WO SER BELOW 822-00148.MOD TO INCREASE REED HOLDING CURRENT 2922A-1 2930A SERV NOTE SET BELOW MAY78 2930A-1 DEC69 RUNNING TIME INDICATORS 2930A-2 SER BELOW 1010A.MOD ENCODE + FLAG CONTROL BOARD, A20 SEP70 2930A-3 NOY72 ALL SER.REPL PHOTON COUPLD DIODES A19 MAR73 WA SER 1118A00141 TO 1118A00160. MOD TO STOP ERRONEOUS OVERLOAD 2930A-4 12722A-2 JUN74 ALL SER. UPDATE OF SERV KIT. SUPER 1272 29400 SERV NOTE SET BELOW **OCT79** 29400-1 INSTRUMENT SLIDE FAILURE MAY74 29400-2 INSTRUMENT SLIDE ALIGNMENT **OCT74** 297A OPER & SERV MAN SEP68 00297-902 FEB78 00297-952 8L 01 09 01 MAN CHANGE NOV68 00297-902 38 FEB66 00003-91330 OPER & SERV MAN FEB81 5951-6450 8L 01 11 01 38 X-Y REC SERV NOTE SET BELOW MAY78 35-1 FEB66 ILLUSTRATED PARTS IDENTIFICATION 300A OPER & SERV MAN NOV55 300A-910 FEB84 300A-960 8L 01 09 02 302A OCT72 00302-90005 OPER & SERV MAN FEB85 00302-90055 8L 01 09 03 JUL75 00302-90005 MAN CHANGE OPER & SERV MAN JAN00 00302-92004 JUN83 00302-98004 8L 01 43 01 SERV NOTE SET BELOW MAY78 MAR74 WO ALL SER. CRYSTAL FILTER TUNING 302A-1B 302A-2 MAR64 SER DOWN 412-03776, EXCPT SER 149-MOD FOR USE WITH GROUNDED INPUT RECORDERS 302A~3 ILLUSTR PRTS IDENTIFICATION JUL71 WO SER BELOW 741-05976.PILOT LAMP REPL 302A-4A 302A-5 JUN74 WO ALL SER. CRYSTAL SHT REPLACEMENT 3029 SERV NOTE SET BELOW MAY78 3029-1 SER BELOW 130. PROC STOP VACUUM HOTOR BURNOUT MAR67 SER BELOW 130. MOD IMPR LIFE EXPECT OF OPER CNTR PANEL DENSITY LIGHTS. 3029-2 MAR67 3029-3 MAR67 SER BELOW 130. MOD ELIM HEAD COVER INTERFERENCE ALL SER.ADJ REWIND JO6 MULTIPOTENTIOMETERS 3029-4 MAY67 3030 SERV NOTE SET BELOW MAY78 3030-1 APRS7 SER BELOW 251. PROC STOP VACUUM MOTOR BURNOUT 3030-2 APR67 SER BELOW 237. MOD IMPR LIFE EXPECT OF OPER CNTRL PANEL DENSITY LIGHTS 3030-3 APR67 SER BELOW 241.MOD ELIM HARD COVER INTERFERENCE 3030-4 MAY67 ALL SER.ADJ REWIND JO6 MULTIPOTENTIOMETERS 3030-5 ALL SER.ADJ RED AMP GAIN SETTING AUG67

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              3030-6
                                 SEP67
                                          SER BELOW 290. MOD STOP DROP REWIND STATUS
              3030-7
                                 OCT67
                                          SER BELOW 322. MOD STOP NOISE REWIND
              3030-8
                                          SER BELOW 330. MOD IMPR TAPE STOP TIME
                                 MAR68
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MODEL NUMBER 334A

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3336B

3336C

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3335A-10A

3336A/B/C

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3030 SERV NOTE SET BELOW MAY78 3030-1 APR57 SER BELOW 251. PROC STOP VACUUM MOTOR BURNOUT 3030-2 SER BELOW 237. MOD IMPR LIFE EXPECT OF OPER CNTRL PANEL DENSITY LIGHTS APR67 3030-3 APR67 SER BELOW 241.MOD ELIM HARD COVER INTERFERENCE 3030-4 MAY67 ALL SER.ADJ REWIND JO6 MULTIPOTENTIOMETERS 3030-5 AUG67 ALL SER. ADJ RED AMP GAIN SETTING

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AGE 99

11/08/85 PAGE 113 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D NUMBER C TYPE DATE NUMBER DATE NUMBER LTV *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3030 3030-6 SEP67 SER BELOW 290. MOD STOP DROP REWIND STATUS 3030-7 **OCT67** SER BELOW 322. MOD STOP NOISE REWIND 3030 - 8SER BELOW 330. MOD IMPR TAPE STOP TIME MAR68 SER BELOW 384. MOD DEC VACUUM SYSTEM BACK PRESSURE 3030-9 APR68 3030-10 NOT AVAILABLE 3030-11 3030-12 SEP68 ERASE HEAD ADJ PROCEDURE NOT AVAILABLE 3030-13 AUG69 SER BELOW 846.MOD IMPR FRONT DOOR 3040A OPER NOTE MAR75 03040-90002 MAY75 03040-90052* 01 09 01 USE 3040A FICHE 03040-90053 OPER NOTE APR83 03040-90003 JUN83 03040-90053 8L 01 A1 01 3041A OPER NOTE OCT72 03041-90000 APR73 03041-90050 01 09 01 3042A PROG & SERV MAN SEP72 03042-90010 JUL74 03042-90050 01 09 02 SUPP B OPTS 121/122 APR74 03042-90030 INSTALL MAN APR76 03042-90203 DEC76 03042-90250 8L 01 09 01 OPER & PROG MAN FEB77 03042-90204 JUL77 03042-90251* 8L 01 09 02 USE 3042A FICHE 03042-90253 AUG76 03042-90207 SYS PRE-STUDY MAN JUL77 03042-90252 8L 01 09 02 (9825A CONTROLLER) NOV79 03042-90253 8L 01 09 03 (9825A CONTROLLER) OPER & PROG MAN JUL79 03042-90244 SERV NOTE SET BELOW **OCT80** NOV76 WN ALL SER.3042A WITH 9830A CONTROLLER IMPR SYSTEM VERIFICATION PROGRAM 3042A-1 3042A-2 JUN8O WN ALL SER. TRBLSHTNG TIPS FOR SWEEP PROBLEMS 3042A-121 PROG & SERV MAN SEP72 03042-90010 JUL74 03042-90050 01 09 02 SUPP B OPTS 121/122 APR74 03042-90030 3042A-122 PROG & SERV MAN SEP72 03042-90010 JUL74 03042-90050 01 09 02 SUPP B OPTS 121/122 APR74 03042-90030 3042A-123 PROG & SERV MAN APR74 U3042-90036 AUG77 03042-90056 8L 01 09 01 (9830A CONTROLLER) MAN CHANGE JAN76 03042-90036 3C42A-124 PROG & SERV MAN APR74 03042-90036 AUG77 03042-90056 8L 01 09 01 (9830A CONTROLLER) MAN CHANGE JAN76 03042-90036 3043A PROG & SERV MAN JAN74 03043-90000 JUL74 03043-90050 01 09 02 PROG & SERV MAN JAN74 03043-90030 3044A OPER NOTE JANOO 03044-90000 FEB85 03044-90050 8L 01 09 01 3045A INSTALL MAN APR76 03042-90203 DEC76 03042-90250 8L 01 09 01 OPER & PROG MAN SEP76 03045-90203 MAR79 03045-90250 8L 01 09 02 (9825A CONTROLLER) REV PAGES NO 1 MAR77 03045-90203 REV PAGES NO 2 JAN78 03045-90203 NOV78 03045-90203 REV PAGES C SYS PRE-STUDY MAN AUG76 03045-90206 JUL77 03045-90251 8L 01 09 02 (9825A CONTROLLER) SERV NOTE SET BELOW OCT80 3045A-1A JUN8O WN ALL SER. TRBLSHTNG TIPS FOR SWEEP PROBLEMS NOV87 03046-90000 DEC81 03046-90050 8L 01 09 04 3046B OPER MAN NOV81 03046-90000 DEC81 03046-90050 8L 01 09 04 3047A SYST INSTALL MAN NOV81 03047-90001 JUL82 03047-90051 8L 01 A1 01

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3047A	SYS	CHANGE OPER MAN	J	AY82 030 AN82 030	47-90001 47-90002	JUL8 Decs	2 03047-9005 2 03047-9005	1 8L 2 8L	01 A1 01 A1	01 04					
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	1974 - 1974				그리는 그 사람들이 나왔다.
3046A OPER MAN	NOVA1	03046-90000	DECR1	03046-90050	AL 04 00 04
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	1,134,114				
3046B OPER MAN	NOVR1	03046-90000	DEC81	03046-90050	21 01 00 DA
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3047A SYST INSTALL MAN	NOVA1	03047-90001	1111 82	03047-90051	91 04 A4 04
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11/08/85 MODEL NUMBER	O LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	T	P / G	
3047A	MAN CHANGE SYS OPER MAN SYS REF MAN	JAN82	03047-90001 03047-90002 03047-90003	JUL82 DEC82	03047-90051 03047-90052 03047-90053	8L 0 8L 0	11 A1	01 04	
30 47 A-0 <i>3</i> 6	SYS INSTALL MAN SYS OPER MAN SYS REF MAN	JUL82	03047-90011 03047-90012 03047-90013	DEC82	03047-90061 03047-90062 03047-90063	8L 0 8L 0 8L 0	1 A1	04	# 15 전 :
3030A	PROG & SERV MAN SUPP B CASSETTE OP SERV NOTE SET BELOW 3050A-1 3050A-2 3050A-3A 3050A-4A 3050A-5B 3050A-6 3050A-7 3050A-8	NOV73 AUG74 MAR75 MAR75 OCT77 AUG74 MAR75	03050-90000 03050-90000 WN ALL SER.TROU WN L + N SCANNE WN L + N MECH F WN L + N ELECT WN L + N 2740 S WN LEADS + NORT WN ALL SER.MODE WN ALL SER.3490	JUL80 IBLESHO R INTE N FOR PN FOR CANNER HRUP 0	OTING RCONNECTIONS. 2740 SCANNER 2740 SCANNER .HP TO L + N I FFICES A.L + N SCANNI	PN CR	CKUF	REF	FERENCE
3050A-021	PROG & SERV MAN SUPP B CASSETTE OP	the second of	03050-90000 03050-90000	AUG74	03050-90050	0	1 09	01	
3050A-022	PROG & SERV MAN SUPP B CASSETTE OP		03050-90000 03050-90000	AUG74	03050-90050	0	1 09	01	
3050A-023	PROG & SERV MAN	JAN74	03050-90002	JUL74	03050-90052	0	1 09	ี ปี2	
5050A-024	PROG & SERV MAN	JAN74	03050-90002	JUL74	03050-90052	0	1 09	02	의 사람이 시민들은 발표를 보고 있다. 그 사람이 가는 그런 그리고 있는 것이 되었다.
3050B	OPER & PROG MAN REV PAGES NO 1 SYS PRE-STUDY MAN INSTALL MAN MAN CHANGE OPER & PROG MAN REV PAGES NO 1 SYS PRE-STUDY MAN SERV NOTE SET BELOW 3050B-1	MAR76 JAN76 JAN76 APR76 JUL76 AUG76 JUL76	03050-90200 03050-90200 03050-90201 03050-90203 03050-90223 03050-90223 03050-90226 WN ALL SER.MODE	DEC76 DEC76 JUL77 AUG77 JUL80	03050-90251 03050-90252 03050-90253 03050-90254	8L 0 8L 0 8L 0	1 09 1 09 1 09	02 01 03 03	3 (9825A CONTROLLER) 2 (9825A CONTROLLER)
3051 A	SYS PRE-STUDY MAN OPER & PROG MAN USER'S MAN	JUN77	03051-90006 03051-90003 03051-90013	JUL77	03051-90050 03051-90051 03051-90052	8L 0	1 09	03	2 (9815A CONTROLLER) 3 (9815A CONTROLLER) 1
3052A	INSTALL MAN OPER & PROG MAN REV PAGES A REV PAGES B REV PAGES C REV PAGES D	FEB77 FEB77 JUL77 AUG77	03052-90003 03052-90004 03052-90004 03052-90004 03052-90004 03052-90004	FEB77 APR78	03052-90050* 03052-90051	8L 0 8L 0	1 09 1 09	01 04	1 USE 3052A FICHE 03052-90250 4 (9825A CONTROLLER)
		OCT76 AUG78 FEB79	03052-90032 03052-90037 03052-90203 03052-90504	NOV78 SEP83	03052-90056 03052-90250	8L 0	1 09	04	2 (9825A CONTROLLER) 4 (9845A CONTROLLER) - VOL IA 1 4 (9835B CONTROLLER)

11/08/85 MCDEL NUMBER	O LITERATURE C TYPE	DATE	C PART FICHE	NUMBER	LTV	G		PAGE 11	5
				DESCRIPTION :	*** DESCRIP	TION ***	DESCRIPTION ***	DESCRIPTION ***	
3052A	QUICK REF GUIDE	MAR79 03052-	-90506 MAY79	03052-90553	8L 01 09	01 (9835B	CONTROLLER)		
3052A-500	OPER & PROG MAN	FEB79 03052-	-90204 MAY79	03052-90251	8L 01 09	D4 (9835A	CONTROLLER)		
3054A	SERY NOTE SET BELOW		00785						

11/08/85 MODEL 0 NUMBER C 3406A 340 3410A OPE MAN SEE

SYS OPER INST	PAGES D PRE-STUDY MAN & PROG MAN MAN & PROG MAN	OCT76 AUG78 FEB79	03052-90004 03052-90032 03052-90037 03052-90203 03052-90504	APR77 NOV78 SEP83	03052-90053 03052-90056 03052-90250 03052-90551	8L 01 (9 04	(9845A	CONTROLLER)	- VOL IA

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11/08/85 MCDEL NUMBER	O LITERATURE C TYPE	H/C Date		FICHE DATE ON ***	NUMBER	L	T	V	G	PAGE 115 ON *** DESCRIPTION *** DESCRIPTION ***
3052A	QUICK REF GUIDE	MAR79	03052-90506							(9835B CONTROLLER)
3052A-500	OPER & PROG MAN	FEB79	03052-90204	MAY79	03052-90251	8L	01	09	04	(9835A CONTROLLER)
3054A	SERV NOTE SET BELOW 3054A-1 3054A-2	AUG81	WN ALL SER.PRO WN ALL SER.MOD	OCT85 G MOD TO TO ALL	O PREVENT 305	A/E)L (IULT	(85 <i>i</i>	()	HANGUP Er assy
3054A(85A)	INTRO USERS GUIDE OPER & PROG MAN INTRO USERS GUIDE MAN CHANGE	OCT80 MAR81	03054-90201 03054-90202 03054-90206 03054-90206	MAR81	03054-90251* 03054-90252* 03054-90256	8L	01	09	05	USE 3054A(85A) FICHE 03054-90256 USE 3054A(85A) FICHE 03054-90257
	OPER & PROG MAN OPER & PROG MAN	MAR81	03054-90207 03054-90208	JUN82 DEC83	03054-90257* 03054-90258	8L 8L	01 01	09 09	05 05	USE 3054A(85A) FICHE 03054-90258
3054A (9825B)	INTRO USERS GUIDE OPER & PROG MAN REV A	D8VON	03054-92501 03054-92502 03054-92502	MAR81 JAN82	03054-92551 03054-92552	8L 8L	01 01	09 09	02 05	
3054A(9826)	OPER & PROGRAM MAN INTRO USER'S GUIDE OPER & PROG GUIDE OPER & PROG MAN MAN CHANGE - A	FEB82 MAR82 JUN83	03054-92607 03054-92616 03054-92617 03054-92618 03054-92618	MAR82 JUN82	03054-92657 03054-92666 03054-92667* 03054-92668	8L 8L	01 01	09	02 05	(HPL) USE 3054A(9826) FICHE 03054-92668
3054A(9835A)	INTRO USERS GUIDE SYST OPER/PROG MAN MAN CHANGE REV A INTRO USERS GUIDE	JUL80 NOV80 NOV81	03054-93501 03054-93502 03054-93502 03054-93502 03054-93506	JAN82	03054-93551* 03054-93552 03054-93556	8L	01	09	05	USE FICHE 3054A(9835A) 03054-93556
3054A(9845B)	INTRO USERS GUIDE INTRO USERS GUIDE OPER & PROG MAN MAN CHANGE REV A	AUG80 AUG80 OCT80	03054-94501 03054-94506 03054-94502 03054-94502 03054-94502	MAY80 NOV80		8L 8L	01 01	09 09	02	USE 3054A(9845B) FICHE 03054-94556
3054A***	INTRO USER GUIDE	NOV81	03054-92606	JAN82	03054-92656	8L	01	09	02	9826 HPL
3054A-802	OPER & PROG MAN	APR85	03054-92620	SEP85	03054-92670	8L	01	09	05	
3054c (1000)	OPER & PROG MAN OPER & PROG MAN OPER & PROG MAN	JUL82	03054-90008 03054-90018 03054-90024	SEP82	03054-90058* 03054-90068* 03054-90074	8L	01	09	04	USE 3054C(1000) FICHE 03054-90068 USE 3054C(1000) FICHE 03054-90074
3054DL	OPERATORS HANDBOOK OPERATORS HANDBOOK MAN CHANGE	MAY81	03054-90001 03054-90013 03054-90013	MAY81 DEC83	03054-90051* 03054-90063	8L 8L	01 01	09 09	03 03	USE 3054DL FICHE 03054-90063
3056DL	OPER & PROG MAN SYS REF GUIDE OPER & PROG MAN SYS REF GUIDE MAN CHANGE	DEC82 JUN84 DEC83	03056-90001 03056-90002 03056-90003 03056-90004 03056-90004	MAR83 OCT84	03056-90050* 03056-90052* 03056-90053 03056-90054	8L 8L	01 01	09	01 04	USE 3054DL FICHE 03056-90053 USE 3056DL FICHE 03056-90054

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11/08/85 MODEL C NUMBER C	LITERATURE TYPE	H/C DATE		FICHE FICHE PAR DATE NUMBER *** DESCRIPTION	LTV			PAGE 116
3060A	PRE-INSTALL MAN USERS MAN REV A QUICK REF GUIDE SERV MAN INSTALL MAN (REV A) OPER NOTE MAN CHANGE	SEP79 (JUN79 (JUL81 (NOV79 (AUG79 (03060-96005 03060-90013 03060-90016 03060-90031	JUN79 03060-90051 FEB80 03060-90052 SEP79 03060-90056 AUG81 03060-90058 MAR80 03060-90063 JUN81 03060-90066	* 8L 01 09 (* 8L 01 09 (* 8L 01 09 (8L 01 09 (06 USE 3060A FI 02 USE 3060A FI 06 USE 3060A FI 01	CHE 03060-90252 CHE 03060-90251	

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/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 116 H/C H/C PART /ICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
A08	PRE-INSTALL MAN USERS MAN REV A	FEB79 03060-90004 JUN79 03060-90051* 8L 01 09 01 USE 3060A FICHE 03060-90260 SEP79 03060-90005 FEB80 03060-90052* 8L 01 09 06 USE 3060A FICHE 03060-90252
	QUICK REF GUIDE SERV MAN	JUNY USUOU-10015 SEPTY D3060-90056* BL 01 09 02 USE 3060A FICHE 03060-90251
	INSTALL MAN (REV A)	
	OPER NOTE Man Change	AUG79 03060-90037 JUN81 03060-90066 8L 01 09 01 MAR81 03060-90037
	INSTALL NOTE INSTALL NOTE	MAY82 03060-90071
	QUICK REF GUIDE	MAY80 03060-90201 DEC80 03060-90251* 8L 01 09 03 USE 3060A FICHE 03060-90256
	USERS MAN REV A MAN CHANGE	JUN80 03060-90202 FEB81 03060-90252 8L 01 09 07 JUN80 03060-90202
	QUICK REF GUIDE SERV MAN	JAN82 03060-90226 APR82 03060-90256* 8L 01 09 03 USE 3060A FICHE 03060-90365 JUN82 03060-90233 OCT82 03060-90258* 8L 01 09 07 USE 3060A FICHE 03060-90364
	PRE-INSTALL MAN	AUG82 03060-90230 DEC82 03060-90260 BL 01 09 01
	USER'S MAN Man Change — A	AUG83 03060-90313 SEP84 03060-90363 8L 01 09 09 AUG84 03060-90313
	SERV MAN QUICK REF GUIDE	APR83 03060-90314
	QUICK REF GUIDE SERV NOTE SET BELOW	JUL83 03060-90327 JUL83 03060-90367 8L 01 09 03
	3060A-OC	MAR84 WN SERV NOTE INDEX
	3060A-1 3060A-2	OCT79 WN ALL SER-PROPER CONFIG TO PREVENT MISSING CHARACTERS ON 2640B CRT Jun80 Wn All Ser-Preventive maint proc
	3060A-3-S CONT'D	FEB80 WA SAFETY.OPT 200/201/202/205 ONLY SER 1801A00324 & BELOW.34196A SCANNER PWR SUPPLY AC LINE IS REVERSE WIRED.
	3060A-4A	MAR82 HO ALL SER. PROC FOR CLEANING OUT POWER SUPPLY RELAYS
	3060A-5A CONT'D	JUL81 WN SER 1801A00100 & UP,CCD REV 1938.MOD OF CONFIRM/CONFIG DIAG PROGRAMS "DIGITL" & ".MO802" FOR PROPER 3455A OPER DURING RECEIVER TEST
	3060A-6B 3060A-7A	APR82 WN ALL SER.HOW TO IDENTIFY CCD REV 2213 SIGNATURES MAR82 WN ALL SER.BTL REV 2014 REPL 2128 OF HIGHER(SEE S/N 3060A-40)
	3060A-8A	MAR82 WN ALL SER.BTL/IPG UPDATE TAPE FOR REV 2117
	3060A-9A 3060A-10A	MAR82 WO ALL SER. PROC FOR INTERFACING 9885M DISK DRIVE IN 3060A SYSTEM OCT80 WA ALL SER. NOTIF OF 3060A SYST SFTWARE REV IPG REVISED TO 2014
	3060A-11 3060A-12	JUN8O WN ALL SER.6253A DUT POWER SUPPLIES DESC JUN8O WN ALL SER."LOADING BTL FM A RUNNING PROGRAM"
	3060A-13 3060A-14B	JUN80 WA ALL SER.SFTW BTL REV FM 1903 TO 2014
	3060A-15A	JUL81 WN ALL SER.CCD MOD FOR REV 2027 JUL81 WN ALL SER.CCD REV 2027 MOD OF "CNTRLR" PROG FOR PROPER OP DURING CONTROLLER TEST
	3060A-16B 3060A-17	JUL81 WN ALL SER.CCD MOD FOR REV 2036 JAN81 WO ALL SER.PROPER USE OF 9825B/T CONTRL IN 3060A OR 44525A PROGRAMMING STATIONS
	3060A-18 3060A-19	JUNDI WN ALL SER.INSTRUCT FOR CONFIG DEVICE UNDER TEST PWR SUPP INTERLOCK FOR ALL PWR SUPP OP
	CONT'D	MAY81 WN ALL SER.NOTIF OF AVAIL OF F.S.I. KIT (03060-69902) TO ASSIST ON SITE SERV & REPAIR OF OPT 100
	3060A-20A 3060A-21B	NOV81 WN ALL SER.ASRU A/D BD REDESIGN MAR82 WN ALL SER.REV 2114 INCORPAT INTO SOFTWARE REV 2136 (SEE S/N 3060A-27B)& ALL UPWARD REV
	CONT'D 3060A-22	der (julius 14 (SEE, S/N:3060A+39)), 14 Pig. 1. Pag. Her Jewig Magarating, England to the control of the Con
	3060A-23B	MAR81 WN ALL SER.INSTALL INSTRUCT FOR OPT 100 DSRU STIMULUS BD Jun83 wn ALL SER.SYSTEM SUPPORT PKG
	3060A-24 3060A-25	MAY81 WN ALL SER.NOTIF OF AVAIL OF CUSTOMER SERV KIT (03060-69802) JUN81 WA ALL SER.11453B DIAG TEST FIXTURE CORR WHEN OP IN CONJ WITH OPT 100
	3060A-26 3060A-27B	JUN81 WO ALL SER. RED OF SYST NOISE EFFECTNG CCD SYST TEST 135 & SIMIL MODS OF COMP TESTS
	3060A-28A	SUPERSEDED BY 3060A-39C MAR82 WN ALL SER.SOFTWARE BTL REV FM 2117 TO 2128(SEE S/N 3060A-40)
	3060A-29	JUL81 WN ALL SER.NOTIF OF BTL/IPG UPDATE TAPE FOR REV 2117

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JUN84 03056-90003 DEC83 03056-90004 AUG84 03056-90004

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3060A	3060A-30 CONT'D 3060A-31 3060A-32A CONT'D 3060A-33 3060A-34 3060A-35A	JUL81 WN ALL SYS WITH OPT 100 HSDFT.NOTIF OF AV/IL OF DFT DEVEL/PROD SFT TAPES 03060-10101 & 03060-10102 JUL81 WA ALL SER.SPEC INSTALL INSTRUCT FOR ADD PWR SUPPLY IN 34196A PWR MODULE, CONJ W/OPT100 MAR82 WN ALL SER."FEATURES" IN 2128 BEEN CORREC © INCORPORATED IN REV 2136 (SEE S/N 3060A-270 & ALL UPWARD REV(SEE SVN 3060A-39) OCT81 WN ALL SER.3060A SYSTEM SOFTWARE PACK CONTENTS OCT81 WN ALL SER.3060A SYSTEM SOFTWARE PACK CONTENTS OCT81 WN ALL SER.CORRECT FOR PROPER TEST OF SCANNER G.P.RELAYS.INCORPORATE IN RE 2136

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		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3060A	3060A-30	JUL81 WN ALL SYS WITH OPT 100 HSDFT.NOTIF OF AV/IL OF DET DEVEL/PROD SET TAPES 03060-10101
	CONT'D 3060A-31	& 03060-10102
	3060A-32A	JUL81 WA ALL SER.SPEC INSTALL INSTRUCT FOR ADD PWR SUPPLY IN 34196A PWR MODULE, CONJ W/OPT100 MAR82 WN ALL SER."FEATURES" IN 2128 BEEN CORREC & INCORPORATED IN REV 2136 (SEE S/N 3060A-27B)
	CONT'D	& ALL UPWARD REV(SEE SVN 3060A-39)
	3060A-33	OCT81 WN ALL SER.3060A SYSTEM SOFTWARE PACK CONTENTS
	3060A-34	OCT81 WN ALL SER TESTING DRIVER GENERAL PURPOSE RELAYS
	3060A-35A CONT'D	MAR82 WN ALL SER.CORRECT FOR PROPER TEST OF SCANNER G.P.RELAYS.INCORPORATE IN RE 2136 (SEE S/N 3060A-278)
	3060A-36	NOV81 WN ALL SER DFT SOFTWRE REV 2141
	3060A-37A	MAR82 WN ALL SER. CORRECT FOR DSRU DIAGNOSTICS SOFTWARE INCORPORATE IN CCD SOFTWARE REV 2136
	CONT'D	- Particle Particle S/N=3060-278 & 3060A-39) Particle Part
	3060A-38B 3060A-39C	JUN82 WO ALL SER IMPR OPT OOS CONFIRTN TEST AUG84 WN ALL SER.LIST OF CHANGES FOR CCD SOFTWARE REV
	3060A-40	FEB81 WN ALL SER.BIL SOFTWARE UPGRADED FROM REV 2117 TO 2128
	3060A-41A	FEB84 WN ALL SER.LIST OF DIGITAL CABLES FOR 3060A CIRCUIT SYSTEM
	3060A-42	APR82 WN ALL SER.INSTAL PROC FOR DIGITAL CABLE P/N 03060-61622
	3060A-43 3060A-44	APR82 WN ALL SER.INSTAL.PROC FOR DIGITAL CABLE P/N 03060-61623 OR -61624
	3060A-45	APR82 WN ALL SER.INSTAL PROC.FOR DIGITAL CABLE P/N 03060-61625 APR82 WN ALL SER.INSTAL PROC FOR.DIGITAL CABLE P/N 03060-61626
	3060A-46A	MAR84 SER 1801A00838 & BELOW.REC REPL(EUROPE ONLY)63005C SCANNER PWR SUPPLY
	3060A-47	APR82 WA ALL SER. MOD TO PREVENT OPT 100 STIMULUS INPUT & GROUND RELAY CONFIRMA FAILURE
	3060A-48	JUL82 WN ALL SER.CORREC INSTAL OF OPT 100 STIMULUS CABLE
	3060A-49 CONT'D	JUL82 WN ALL SER.ADD OF LOW IMPEDANCE LOGIC GROUND CONNECTION TO ELIM SPONTANEOUS FAOFF &
	3060A-50A	FBOFFS DURING BD TEST JANSS WN ALL SER.IMPR FIELD DIAGOSTIC OF ANALOG RELAY FAILURES
	3060A-51	AUG82 WN ALL SER.NEW VOLUME 1C - CCD MANUAL
	3060A-52	NOV82 WN ALL SER.SUGGET 9825 I/O SLOT FOR 98034A/B HP-IB INTERFACE
	3060A-53	JAN83 WN ALL SER. IMPR READING OF BTL "TRANS" STATEMENT USING 3455A
	3060A-54 3060A-55	APR83 WN ALL SER.BD TEST LANGUAGE 200 REV 2308 DEC83 WO ALL SER.USING PROPER 3253A ANALOG STIMILUS/RESPONSE UNIT TO MEAS OPER AMPLE
	3060A-56-S	FEB84 WA SAFETY-SER 2207A00887.00994,01039,01023,01034,801014,NOTIF OF POT SAFE HAZ
	3060A-57	MAY84 WN ALL SER.NEW TEST LEAD KIT HP P/N 03060-67902
	3060A-58-S	AUG84 WA SAFETY.ALL SER.NOTIF OF POT SAFE HAZ
	3060A-59 3060A-60	AUG84 WN ALL SER.CORREC TO 3060A TRBLSHTNG MANUAL VOL S1
	3060A-61	SEP84 WN ALL SER.3253A ASRU MOD IMPR REL BY RED HEAT DISSIPATION ON A44 BD SEP84 WN SER 1717A01417 & BELOW.3453A DIGITAL STIMULUS/RESP UNIT REPL FAN
보다 그들은 생생님	3060A-62	SEP84 WN ALL SER.REV 3253A ASRU CALIB STTWARE FOR 9825
	3060A-63	SEP84 WN ALL SER.RED INTERM & REOCCUR INST FAIL
	3060A-64	JUL85 WN ALL SER.FIELD MOD TO CHANGE PWR OPT ON HE34196C PWR MODULE
060A-R03	INSTALL NOTE	AUG79 03060-90082 DEC79 03060-90095 BL 01 09 01
3060A-040	INSTALL NOTE	NOV78 03060-90071 JUL82 03060-90068 8L 01 09 01
3060A-041	INSTALL NOTE	NOV78 03060-90072 JUL82 03060-90069 8L 01 09 01
3060A-100	OPER & SERV MAN	JUL81 03060-90203 OCT81 03060-902570 SL 01 09 06 USE 3060A-100 FICHE 03060-90257
	OPER & SERV MAN	FEB82 03060-90227 MAR82 03060-\$32572 3. 01 09 06 USE 3060A-100 FICHE 03060-90259
	OPER & SERV MAN	JUN82 03060-90234 NOV82 03060- ₹6259 4L 01 09 03
	MAN CHANGE	** AUG82
3060A-25	INSTALL NOTE	MAR79 03060-90070 DEC79 03060-90067 BL 01 09 01
3061A	SERV MAN	FEB83 03060-90316 MAR83 03060-90366 8L 01 09 01

11/08/85 MODEL NUMBER 0 3431D MAN CH OPER & SERV NO 3434A-3434A 3435A OPER & MAN CH SERV N. 3435A-3435A/B 3435A-3435A-3435A-3435A-3435A~ OPER & 3437A MAN CH 3437A-3437A-3437A-3437A-3437A-3437A-3437A-3437A-3437A-OPER & OPER & 3438A MAN CH SERV NO. 3438A-3438A-3438A-3438A-3438A-3438A-3439A OPER & MAN CH SERV N 3439A-

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		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
3061A	USER'S MAN	UG83 03060-90313 MAY85 03060-90363 8L 01 09 09	
	MAN CHANGE - A	UG83 03060-90313	
	SERV MAN Man Change	PR83 03060-90314 NOV83 03060-90364 8L 01 09 08 UG83 03060-90314	
	QUICK REF GUIDE	EB83 03060-90315 MAY83 03060-90365* 8L 01 09 03 USE 3061A FICHE 03060-90367	
	QUICK REF GUIDE	UL83 03060-90327 NOV83 03060-90367 8L 01 09 03	
	MAN CHANGE	UG83 03060-90327	
	SERV NOTE SET BELOW	골프로그램 등급 등로 다른 다른 다른 OCT85 시간에 무대한 프로젝트로 발표를 보고 하는 다른 바로 하는 기계를 받다는 것을 하는	
	3060A-1	PR83 WN ALL SER. BD TEST LANGUAGE 200 REV 2308	
	3061A-2	OVAR UN ALL SED SOFTUADE DEV END LIDNAT & MINOD ENLANCEMENTS	ar e Livraia 🛚

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3061A	USER'S MAN Man Change - A	AUG83 03060-90313 MAY85 03060-90363 8L 01 09 09 AUG83 03060-90313	
	SERV MAN Man Change	APR83 03060-90314 NOV83 03060-90364 8L 01 09 08	
	QUICK REF GUIDE QUICK REF GUIDE MAN CHANGE	AUG83 03060-90314 FEB83 03060-90315 MAY83 03060-90365* 8L 01 09 03 USE 3061A FICHE 03060-90367 JUL83 03060-90327 NOV83 03060-90367 8L 01 09 03 AUG83 03060-90327	
	SERV NOTE SET BELOW 3060A-1	OCT85 APR83 WN ALL SER.BD TEST LANGUAGE 200 REV 2308	
	3061A-2 3061A-3-8 3061A/6032A-4 CONT'D	NOV83 WN ALL SER.SOFTWARE REV FOR UPDAT & MINOR ENHANCEMENTS FEB84 WA SAFETY.SER 2306A00101 THRU 2306A00117.NOTIF OF POT SAFE HAZ AUG84 WA SER 306DA00140/2307A00275 & BELOW.REASONS FOR INTERM 6034L PWR SUPLY OVERVOLTG INTERRUPTS	
	3061A/3062A-5 3061A/3062A-6-8 3061A/3062A-7 3061A/3062A-8	AUG84 WO ALL SER.REV 3253A CALIB SOFTWARE SER 200 CONTROLLERS AUG84 WA SAFETY.ALL SER.NOTIF POT SAFE HAZ AUG84 WN ALL SER.CORREC 3060A/3061A/3062A TRBLSHTNG MAN VOL S1	
	3061A/3062A-9 3161A/3062A-10 3061A/3062A-11	SEP84 WN ALL SER.5335A FREQ COUNT FIRMWARE (ROM) REV 1.1 SEP84 WN ALL SER.3253A ASRU MOD TO IMPR REL BY RED HEAT DISSIPATION ON A44 BD OCT84 WN ALL SER.CONFIGRTN/CONFIRMA/DIAGN SOFTWARE REV 2440 MAR85 WN ALL SER.PROD SUPPORT PKG DESC	
	3061A/3062A-12 6031A/6032A-13	MAR85 WA ALL SER.CONFIGRTN/CONFIRMATION/DIAGN SOFTWARE JUL85 WN ALL SER.FIELD MOD TO CHANGE PWR OPT ON HP34196C PWR MODULE	
8062A	USER'S MAN Man Change — A	AUG83 03060-90313 MAY85 03060-90363 8L 01 09 09 AUG83 03060-90313	
	SERV MAN Man Change	APR83 03060-90314 NOV83 03060-90364 8L 01 09 08	
	QUICK REF GUIDE QUICK REF GUIDE MAN CHANGE	AUG83 03060-90314 FEB83 03060-90315 MAY83 03060-90365* BL 01 09 03 USE 3062A FICHE 03060-90367 JUL83 03060-90327 NOV83 03060-90367 BL 01 09 03	
	SERV NOTE SET BELOW	AUG83 03060-90327 OCT85	
	3060A-1 3062A-2	APR83 WN ALL SER.BD TEST LANGUAGE 200 REV 2308 NOV83 WN ALL SER.SOFTWARE REV FOR UPDAT & MINOR ENHANCEMENTS	
	3061A/6032A-4 CONT'D	AUG84 HA SER 3060A00140/2307A00275 & BELOW.REASONS FOR INTERM 6034L PWR SUPLY OVERVOLTG	
	3061A/3062A-5 3061A/3062A-6-8 3061A/3062A-7	AUG84 WO ALL SER.REV 3253A CALIB SOFTWARE SER 200 CONTROLLERS AUG84 WA SAFETY.ALL SER.NOTIF POT SAFE HAZ AUG84 WN ALL SER.CORREC 3060A/3061A/3062A TRBLSHTNG MAN VOL S1	
	3061A/3062A-8	SEP84 WN ALL SER.5335A FREQ COUNT FIRMWARE (ROM) REV 1.1	
	3061A/3062A-9 3161A/3062A-10	SEP84 WN ALL SER.3253A ASRU MOD TO IMPR REL BY RED HEAT DISSIPATION ON A44 BD OCT84 WN ALL SER.CONFIGRTN/CONFIRMA/DIAGN SOFTWARE REV 2440	
	3061A/3062A-11 3061A/3062A-12	MAR85 WN ALL SER.PROD SUPPORT PKG DESC MAR85 WA ALL SER.CONFIGRTN/CONFIRMATION/DIAGN SOFTWARE	
	6031A/6032A-13	JUL85 WN ALL SER.FIELD MOD TO CHANGE PWR OPT ON HP34196C PWR MODULE	MENTE MENTE
3065	USER'S GUIDE USERS REF MAN -I USERS REF MAN -II	AUG83 03065-90010	
	MAN CHANGE - A SITE PREP	AUG84 03065-90020 APR83 03065-90110	
	INSTAL MAN	JUN83 03065-90120 OCT83 03065-99120 8L 01 09 04	
	SERV & HARDWARE MAN DIAGNOSTIC MAN —I DIAGNOSTIC MAN —III DIAGNOSTIC MAN —III	JUN83 03065-90140 0CT83 03065-99140 8L 01 09 16 JUN83 03065-90140	

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	11/08/85 Model Number	O LITERATURE C TYPE	PAGE 119 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
	3065	SERV NOTE SET BELOW	
		3065-1	SEP83 WA SER 2310-00113 & BELOW. MOD TO PREV PWR-UP CIR OSCILLATION
		3065-2	JUL83 WN ALL SER.REC RELAY REPL PROC
		3065-3	AUG83 WN NEW ASRU AID BD BLUE STRIP P/N
		3065-4	SEP83 WO ALL SER.3065C FAN SPEED SENSOR FAILURE
		3065-5	SEP83 WA SER 2110-00113 & BELOW. MOD OF 11352-66507 & 11353-66508 TO ALLOW FIXTURE VARIFC
- 1		3065-6	OCT83 WN SER 2308A00101 THRU 2308A00119.RFI MOD TO 3065C CABINET.INSTALL PROC & PARTS LIST
		3065-7	NOV83 WO 3065C:SER 2308A00155 & BELOW. MOD TO ALLOW REMOTE I/O & MEMORY RECONFIG
		3065-8	APR84 WO SER 2310A00162 & BELOW. MOD TO PREV FIXTURE RECEIVER FAILURES
		3055-9	APR84 WA SER 2310A00179 & BELOW. VACUUM HOSE REPL. ON HP 3056D/H
		3065-10	APR84 WN ALL SER. EDGE CONN CLEANING PROC
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)65	SERVINOTE SET BELOW	물건 경험을 하는 것이 되었다. 그리고 화면 없는 것 같아요. 그리고 하는 것 같아 되었다. 그리고 하는 것 않고 되는 것 같아요. 그리고 하는 것 같아.
	SERV NOTE SET BELOW 3065-1	OCT85 SEP83 WA SER 2310-00113 & BELOW.MOD TO PREV PWR-UP CIR OSCILLATION
	3065-2	JUL83 WN ALL SER.REC RELAY REPL PROC
	3065-3	AUG83 WN NEW ASRU AID BD BLUE STRIP P/N
	3065 - 4 3065 - 5	SEP83 WO ALL SER.3065C FAN SPEED SENSOR FAILURE SEP83 WA SER 2110-00113 & BELOW.MOD OF 11352-66507 & 11353-66508 TO ALLOW FIXTURE VARIFC
	3065-6	OCT83 WH SER 2308A00101 THRU 2308A00119.RFI MOD TO 3065C CABINET.INSTALL PROC & PARTS LIST
	3065-7 3065-8	NOV85 NO 3065C:SER 2308A00155 & BELOW.MOD TO ALLOW REMOTE I/O & MEMORY RECONFIG
	3065-8 3065-9	APR84 WO SER 2310A00162 & BELOW.MOD TO PREV FIXTURE RECEIVER FAILURES APR84 WA SER 2310A00179 & BELOW.VACUUM HOSE REPL ON HP 3056D/H
	3065-10	APR84 WN ALL SER.EDGE CONN CLEANING PROC
	3065-11	MAR84 WN HIGH CURRENT CONTACT REMOVAL PROC FOR 11352-66593/66592 SYST CARD
	3065-12 3065-13	APR84 WO SOFTWARE PRIOR TO REV 2410.MOD TO PREV FUSE FAIL ON SYSTEM 23 CARD JUL84 WA MOD OF CONFIGRTN/DIAGNOSTIC FIXTURE P/N 11345-80000
	3065-14	NOV84 WN ALL SER. MOD OF PULSER PWR SUPPLY (HP P/N 11351-66510) TO CONFORM TO HYBRID
	CONT'D	
	3065-15 3065-16	AUG84 WN BACKPLANE CABLE REPL, HP P/N 11352-61602 AUG84 WN CHNG SCANNER BD IN SYSTEM WITH BACKPLANE CABLE HP P/N 11352-61602
	3065-17	AUG84 WA MOD OF THE FIXTURE TO ELIM INTERFACE PROB
	3065-18	NOV84 WM ALL SER. DESC OF HP COOP SUPPORT PROG FOR HP 3065 SYSTEM
	3065-19 3065-20	AUG84 WA ALL SER.NOTIF OF POT SHOCK HAZ IN VOL LEVEL >42V SUPLY DUT PWR SUPLY APR85 WO ALL SER.REPAIR OF EXTERNAL VACUUM MODULE P/N 03065-80602
	3065-21-s	NOV84 WA SAFETY-SER 2310A00309 TO 2310A00332-POT 11352-66504 DUT SENSE BATCH CARD PROB
	3065 - 22 3065 - 23	NOV84 WN ALL SER.DESC OF TIME-OUT FAIL FOR UTILITY TEST 19 WHEN OPER ON SOHZ PUR
	3065-24	DEC84 WA ALL SER.CHECK FOR POS MISWIRED DSDC INTERNAL CABLE DEC84 WA ALL SER.ASRW 2410 FIRMWARE BUG WORKAROUND
	3065-25	JAN85 WN SER 2310A00364 & BELOW.PWR MODULE TO MONITOR CARD CABLE MISWIRING
	3065-26 3065-27	APROD WN ALL SER.TEST & MOD TO SOLVE INTEM DIGITAL CAL FAILURES
	3065-31-s	JUN85 WN ALL SER.HP 44633H SERVICE KIT AUG85 WA SAFETY:SER 2308A00372 & OW.NOTIF OF POT SAFETY HAZ
		"T <u>HE 보</u> 시되고 <u>하면 사용</u> 로 프로그리아 있다면 함께 들어 보이라는 사고 내고 있는 사람들이 가입니다. 그는 사람들이 사용되어 되는 것은 사용되었다. 그는 사용 전략이다.
10 A	OPER & SERV MAN MAN CHANGE	FEB76 00310-90003 DEC76 00310-90053 8L 01 09 02 OCT76 00310-90003
	SERV NOTE SET BELOW	
	310A-1A	AUG63 100 KC CRYSTAL CALIB KIT INSTALLATION
	310A-2 310A-3	SER BELOW 415-00561.MOD TO IMPROVE SHORT CIRCUIT PROTECTION SEP64 SER BELOW 436-00376.IMPR LOW PASS FILTER STABILITY MODIFICATION
	310A-4	DEC64 SER BELOW 452-00911.OUTPUT CIR MOD
	310A-5 310A-6A	MAY65 SER BELOW 516-01001.MOD TO RED CARRIER BALANCE NOISE
	310A-7	DEC65 SER BELOW 516-01186.IMPR BANDWIDTH ACCURACY MOD APR71 WO SER 94802884 + DOWN.REC TRANSIS REPL
	310A-8	FEB74 WN SER 0948A-03360 + UP.REPL OF GERMANIUM TRANSIS WITH SILICON TRANSISTORS
	310A-9A 310A-10	DEC/S WO SER 0948A03309 + DOWN.NEW INDUCTOR ON LOCAL OSCIL ASSY
		AUG77 WN SER 1507A03720 & BELOW-REPLACEMENT OF GERMANIUM TRANSISTORS
12A	OPER & SERV MAN	JUL71 00312-90004 OCT74 00312-90054 \ 01 09 05
	MAN CHANGE SERV NOTE SET BELOW	FEB74 00312-90004
	HO1-312A-1/	OCT80 DEC67 UN SER BELOW 720-00260.IMPR FREQ STAB + TIMING MODIFICATION
	H05-312A-1	見한 음악한다고요. 그리고 말말 점하다는 경향상 학교에 하게 살 간이고 있는 수상들의 하는 그릇들이 있는 학회의 소전 남화복과 이 활한 하는 한테 그렇게 되었다면 하다. 함께 하
	312A-1 713A-3	DEC67 WN SER 712 + DOWN.REC REPL CAP FOR A1C8 + A12C8
	312A-2 312A-3	DEC67 SER 701 + DOWN.FERRITE BEADS ADD TO PREVENT SPURIOUS RESPONSES OR OSCILLATIONS JAN68 WO SER 706 + BELOW.A903,4,5,6 PREF REPL
	3124-4	DEC67 SER BELOW 720-00360. PREF REPL PARTS

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MODEL (LITER
NUMBER (ΤY
3450A	OPER & SER SERV NOTE
	3450A-1
	3450A-2 3450A-3
	3450A-4
	3450A-5
	3450A-7A 3450A-8
	3450A-9
	3450A-10 3450A-11
3450B	OPER & SER
	SERV NOTE
	34508-1 34508-2
	3450B-3
	3450B-4A
	34508-5A
3453A	OPER & SER
	OPER & SER
	3453A-3A
	3453A-4A 3453A-5A
3455A	OPER & SER
	MAN CHANGE
	OPER INFO
	OPER INFO
	3455A-1
	3455A-2 3455A-3A
	3455A-4
	3455A-5A 3455A-6
	3455A-7A
	3455A-8
	3455A-9A 3455A-10
	3455A-11
	3455A-12C 3455A-13
	3455A-14
	3455A-15 3455A-16
	3455A-17B
	3455A-18B CONTD
	777

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 120 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
312A/B/C/D	SERV NOTE SET BELOW 312A/B/C/D-5 312B/D-6 312B/D-7	OCT81 SEP76 WN ALL SER.REF LEVEL SWICH ASSY GRD CONN JUN8O WO ALL SER.REC REPL P/N'S FOR LED DISPLAYS JUN81 WO ALL SER.TRBLESHING PROC TO TEST INTERMITTENT METER CIRC.
312B	OPER & SERV MAN MAN CHANGE	FEB76 00312-90046 JUN81 00312-90065 8L 01 09 04 APR81 00312-90046
312C	OPER & SERV MAN	JUL74 00312-90019 JAN82 00312-90066 8L 01 09 02
312 0	OPER & SERV MAN Man Change	FEB76 00312-90046 JUN81 00312-90065 8L 01 09 04 AFR81 00312-90046

			100	5. Land M.
11/08				
MOI NUI	MBER	O C		.ITERA TYP
3455/			3455A- 3455A-	-20C
			3455A- 3455A- 3455A-	-22A
			3455A-	

3456A

OPER & SERV OPER & SERV MAN CHANGE SERV NOTE S 3456A-1D

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 120 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
S12A/B/C/D	SERV NOTE SET BELOW 312A/B/C/D-5 312B/D-6 312B/D-7	방술병으로 이렇지만 사람들의 남자의 남자의 살아가 하면 되면 사람이 아직들이 이렇게 하셨다. 아닌지의 남인 하시고 하다가 되다 하시는 데 독일에는 생활을 당하실 이상이 하는 학생
5128	OPER & SERV MAN MAN CHANGE	FEB76 00312-90046 JUN81 00312-90065 8L 01 09 04 APR81 00312-90046
512C	OPER & SERV MAN	JUL74 00312-90019 JAN82 00312-90066 8L 01 09 02
3120	OPER & SERV MAN Man Change	FEB76 00312-90046 JUN81 00312-90065 8L 01 09 04 APR81 00312-90046
51 3 4	OPER & SERV MAN MAN CHANGE	JUN76 00313-90002 HAR79 00313-90052 BL 01 09 02 NOV78 00313-90002
120A	INSTRUCT & OPER MAN	I FEB51 320A-910 MAR78 5080-5665 8L 01 09 01
20B	INSTRUCT & OPER MAN	FEB51 3208-910 MAR78 5080-5663 8L 01 09 01
3200A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3200A-1 3200A-2 3200A-3/3200B-5	JAN65 03200-90022 OCT74 03200-90028 01 21 02 JAN0D 03200-90022 MAY78 SER 450 + 451.CIR MOD IMPR PERFORM ILLUSTR PRTS IDENT REF DESIG INDEX JAN72 WO ALL SER 3200A.3200B SER BELOW 1219A.MOD IMPROVE Q300 RELIABILITY
520GB	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELON 32008-3 32008-1 32008-2 32008-3 32008-4 32008-6	MARSS 03200-90026 NOV80 03200-90027 &L 01 04 02 SEP80 03200-90026 APR01 JAN72 WD ALL SER 3200A.3200B SER BELOW 1219A.KJD IMPROVE Q300 RELIABILITY FEB66 ILLUSTR PRTS IDENT REF DESIG INDEX NOT AVAILABLE MAR67 SER BELOW 626MOD ELIM TUNE CNTR "CREEP" ILLUSTRATED PARTS IDENTIFICATION MAR81 WN SER 1902A & BELOW.MOD TO INCREASE OUTPUT POWER
3205A	OPER & SERV MAN MAN CHANGE SERV MOTE SET BELOW 3205A-1	JANOO 03205-90044 JUN73 03205-90045 01 21 03 FEB73 03205-90044 MAY78 FEB71 WO SER 953HOD IMPR MODULN METER ACCUR AT 5 HZ
5 211A	OPER & SERV MAN SERV NOTE SET BELOW 3211A-1	APR67 03211-90011 AUG72 03211-90019 01 21 03
1212A	OPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03
213A	CPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03
3214A	OPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03
5215A	OPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03
5216A	OPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03

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MODEL O NUMBER C	LITERATU TYPE
3455A	3455A-19 3455A-20C
	3455A-21 3455A-22A 3455A-23
	3455A-24
3456A	OPER & SERV POPER & SERV P
	MAN CHANGE SERV NOTE SET 3456A-1D
	3456A-2 3456A-3
	3456A-4A 3456A-5
	3456A-6A 3456A-7 3456A-8
	3456A-9 3456A-10
	3456A-11 3456A-12
	3456A-13 3456A-14 3456A-15
	3456A-16A 3456A-17A
	3456A-18 3456A-19 3456A-20
3457A	OPER MAN
	QUICK REF GUI MAN CHANGE
3459A	SERV MAN OPER & SERV M
	SERV NOTE SET 3460A-8
	3459A-1A/3460 3459A-2A/3460
	3460A-7A/3459 3460A-8/3459A 3459A
	3457A-6/3460A 3460B-2/3460A
	3459A-9 3460B-3/3460A
	3459A-8 3460B-4/3460A 3459A-9
	34608-5/3460A 3459A-10
	3459A-11A

11/08/ MODE NUME

3459A

346A

346B

346C

3460A

3460B

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PERATION PROLA 2N964

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	121
3217A	OPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03	
3221A	OPER & SERV MAN	APR67 03211-90011 AUG72 03211-90019 01 21 03	
3258	INSTRUCT & OPER MAN MAN CHANGE BACKDATE		
7253A	OPER & PROG MAN CPER & SERV MAN SERV NOTE SET BELOW		
	3253A-2 CONTD 3253A-3 3253A-4A 3253A-5 3253A-6 3253A-7 3253A-8	AUG80 WO ALL SER.CORR OF SOURCE AMP CURRENT COMPLIANCE CHECK TEST LIMITS ON ASRU CALIB TA 03253-10002 NOV80 WO ALL SER.CLEANING ASRU MULTIPLEXING RELAYS APR81 WN ALL SER.USE CCD REV 2114 SOFTWARE TO TEST MOA A23 BDS SEP81 WO SER 1814A00724 & ABOVE.REDUCING OFFSET AT OUTPUT OF A13 SOURCE AMPLIFIER SEP81 WO ALL SER.REDUCING NOISE INJECTED INTO ASRU EXT SOURCE/DETECTORS APR82 WO ALL SER.PREV INTERMITTENT & REGROURR ASRU FAILURES SEP83 WO MOD TO RED INTERM & REOCCURRING ASRU FAILURES	PE
5308/C/D	SERV NOTE SET BELOW 3308-1 3308-2 3308-3 3308-4 3308-5 3308-6C	클릭하다는 마늘 양물에 가는 적인 하루는 아니는 아이들이 얼마 되자 살을 하는 얼마를 들어가 얼굴하다고 하는데 그런 나는 만든데 아니는 하는데 가는 사람들이 없다는 한 점이 되었다.	
3300A	SUPP B OP & SVC MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3300A-1 3300A-2 3300A-3 3300A-4A 3300A-5 3300A-6 3300A-7 3300A-8 3300A-9 3300/A-10-5	APR70 03300-90005 SEP77 03300-90055 8L 01 09 02 MAY76 03300-90005	
5301A	OPER NOTE	FEB76 03301-90000 AUG82 03301-90050 8L 01 09 01	
302A	OPER & SERV MAN SERV NOTE SET BELOW 3302A-1 3302A-2 3302A-3 3302A-4 3302A-5-S	MAY71 03302-90003 OCT84 03302-90053 8L 01 09 01 MAY78 MAR66 SER BELOW 540-00600.MOD STOP FREE-RUNNING IN SINGLE OR MULTIPLE CYCLE OPER APR66 WA MOD STOP SHRTING BETW IN + OUT CHASIS MAY66 SER BELOW 540.MOD ELIM SPURIOUS OSCIL IN PHASE LOCK OPERATION MAR67 SER BELOW 650-01000.MOD STOP OSCIL IN FREE-RUN MODE JAN76 WN SAFETY.SER BELOW 0720A02761. ELIMINATION OF POTENTIAL SHOCK HAZARD	
304A	OPER & SERV MAN Man Change	MAY71 03304-90003 JAN76 03304-90053 8L 01 09 02 APR74 03304-90003	

	3300A-8 3300A-9 3300/A-10-5	APR69 WA MOD REQ WHEN OPER 3305A PLUG-IN APR75 WA SER 0939A06521 TO 0939A06545.FERRITE BEADS ON Q5 + Q6 EMITTER LEADS JAN76 WN SAFETY.SER BELOW 0939A06726. ELIMINATION OF POTENTIAL SHOCK HAZARD
3301A	OPER NOTE	FEB76 03301-90000 AUG82 03301-90050 8L 01 09 01
3302A	OPER & SERV MAN SERV NOTE SET BELC! 3302A-1 3302A-2 3302A-3 3302A-4 3302A-5-S	MAY71 03302-90003 OCT84 03302-90053 &L 01 09 01 MAY78 MAR66 SER BELOW 540-00600.MOD STOP FREE-RUNNING IN SINGLE OR MULTIPLE CYCLE OPER APR66 WA MOD STOP SHRTING BETW IN + OUT CHASIS MAY66 SER BELOW 540.MOD ELIM SPURIOUS OSCIL IN PHASE LOCK OPERATION MAR67 SER BELOW 650-01000.MOD STOP OSCIL IN FREE-RUN MODE JAN76 WN SAFETY.SER BELOW 0720A02761. ELIMINATION OF POTENTIAL SHOCK HAZARD
3304A	OPER & SERV MAN MAN CHANGE	MAY71 03304-90003

PAGE 107 PTION ***	11/08/85 MODEL NUMBER		PAGE 122 I/C H/C PART FICHE FICHE PART M P D P IATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
	3304A	SERV NOTE SET BELOW 3304A-1A AU 3304A-2A-S MA	MAY78 IG75 WO ALL SER.LONG LEAP TRANS REPL A1Q1 + A1Q2 IY76 WN SAFETY.ALL SER ELIMINATION OF POTENTIAL SHOCK HAZARD
	3305A	MAN CHANGE MA SERV NOTE SET BELOW	R71 03305-90002 SEP77 03305-90052 BL 01 09 02 Y76 03305-90002 OCT81 N76 WN SAFTY.SER BELOW 0835A01306.ELIMINATION OF POTENTIAL SHOCK HAZARD
	3314	OPER & SERV MAN DE MAN CHANGE JA MAN CHANGE UK JU SERV NOTE SET BELOW SE 311A/332A-1B MA 331A/332A-2 DE 331A/332A-3 334A-3 334A-3 331A/332A-6/333A JA 334A-3 331A/332A-7 NO 331/32A-8A/333/ MA 334A-7A	CC74 GC331-90007 APR78 00331-90057 8L 01 09 02 N78 00331-90007 N79 00331-90007 P81 JAN82 Y69 SER 717-0106/ + UP (332A).REPL PRTS C65 SER 536-00420 + DOWN.INCR RANGE OF A2R3 BIAS ADJ MODIFICATION NOT AVAILABLE P71 SER 602-00900 + DOWN(331A); SER 536-00525 + DOWN(332A).REC REPL A2CR6 + A2CR7 Y66 WO A2Q4 EXTEND LIFETIME MODIFICATION NOISE MEAS PROC IN AM CARRIER N71 WO SER 716-02300 + DOWN(331A); SER 605-01060 + DOWN(332A).MOD TO REDUCE ZERO OFFSETS R75 MA SER 982-04451 TO 1149A06575(331A); SER 985-01911 TO 1145A22750(332A); 980-01886 TO 113 7A02945(333A); 993-02841 TO 1140A05365(334A).RF1 MOD KIT.SUPER 331/332A-8, 333/334A-7 R75 WO SER 837-03300 TO 1149A06500(331A); SER 909-01486 TO 1145A22750(332A).INDUCTOR ADDED
MATION		331A/332A-10B-S JU CONT'D 331A/332A-U-10-S JU CONT'D 331A/332A-12/333A/ JU 334A-12 331A/332A/333A/ MA 334A-13	TO POWER LINE GROUND LEAD IL77 WN SAFETY.331A-SER DOWN 1149A07206 & 332A-SER DOWN 1140A6311.ELIM OF POT SAFETY HAZD SHOCK HAZARD IN76 WN SAFETY.331A SER BELOW 1440U00696;332A SER BELOW 1148U00346.MOD TO ELIMINATE POTENTIAL SHOCK HAZARD IL77 WO SER 1149A07845 & BELOW & 1551U00495 AND BELOW.BRIDGE AMPLIFIER OSCILLATIONS IR81 WO ALL SER.MOD TO ELIM OSC IN VTMT MODE IP81 WO ALL SER.TRBLESHTNG PROS TO TEST INTERMITTEMT METER CIRCUIT
	3310A	MAN CHANGE MAN CHANGE GMBH GC INSTALL NOTE DE SERV NOTE SET BELOW 3310A-1A MA 3310A-2 MA 3310A-4 SE 3310A/B-5 MA 3310A/B-6 NO	T73 03310-90003 MAY82 03310-90053 8L 01 09 02 R82 03310-90003 T76 03310-90003 C84 03310-90010 FEB85 03310-90210 8L 01 A1 01 OCT81 R71 WO SER BELOW 0947-02850. MOD STOP DAMG TO Q1 + Q2 R71 WA SER BELOW 947-02850. MIN OUTPUT SPEC R71 WO SER BELOW 947-01450. REC REPL P73 WN SER BELOW 920-00651. REPL A1CR21 + A1CR22 R74 WO 3310A SER BELOW 1151A05900.3310B SER BELOW 1201A00950. MORE REL A1C14 V75 WN ALL SER. CORREC REPL FOR Q1 + W2 OUTPUT TRANSISTORS T81 WA 3310A:SER 1151A11370 & BELOW; 3310B:SER 1201A05020 & BELOW. MOD TO ELIM DISTORTION IN TRIANGLE & RAMP MODES
	3310B	MAN CHANGE MA	T73 03310-90003 MAY82 03310-90053 8L 01 09 02 R82 03310-90003 T76 03310-90003

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11/08/8 MODEL NUMBE

34608

3461A

3462A

3465A

3465B

		INSTALL NOTE DEC84 03310-90010 FEB85 03310-90210 8L 01 A1 01 SERV NOTE SET BELOW 0CT81 3310A-1A MAR71 WO SER BELOW 0947A02850.MOD STOP DAMG TO Q1 + Q2 3310A-2 MAR71 WA SER BELOW 947-02850.MIN OUTPUT SPEC 3310A-3 MAR71 WO SER BELOW 947-01450.REC REPL 3310A-4 SEP73 WN SER BELOW 920-00651.REPL A1CR21 + A1CR22 3310A/B-5 MAR74 WO 3310A SER BELOW 1151A05900.3310B SER BELOW 1201A00950.MORE REL A1C14 3310A/B-6 NOV75 WN ALL SER.CORREC REPL FOR Q1 + Q2 OUTPUT TRANSISTORS 3310A/B-7A OCT81 WA 3310A:SER 1151A11370 & BELOW;3310B:SER 1201A05020 & BELOW.MOD TO ELIM DISTORTION IN CONT'D TRIANGLE & RAMP MODES
	33108	OPER & SERV MAN OCT73 03310-90003 MAY82 03310-90053 8L 01 09 02 MAN CHANGE MAR82 03310-90003 MAN CHANGE GMBH OCT76 03310-90003 SERV NOTE SET BELOW OCT81
PAGE 108	11/08/85 MODEL NUMBER	PAGE 123 O LITERATURE H/C H/C PART FICHE FICHE PART M P D P C TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
	33108	3310A/B-5 MAR74 WO 3310A SER BELOW 1151A05900.3310B SER BELOW 1201A00950 MORE REL A1C14 3310A/B-6 NOV75 WN ALL SER CORREC REPL FOR Q1 + Q2 OUTPUT TRANSISTORS
	331 A	OPER & SERV MAN APR74 03311-90001 SEP80 03311-90051 8L 01 09 02 MAN CHANGE JUN80 03311-90001 SERV NOTE SET BELOW APR80 3311A-1 SEP76 WO SER BELOW 1244A07400.MOD IMPR PWR SUPPLY CAPACITORS 3311A-2 DEC79 WO SER 1224A00100 TO 1224A16201 (APPROX) MOD TO PREVENT 20 MHZ OSC WHEN AMP CONTROL IS CONT'D BELOW HALF-WAY
	3312A	OPER & SERV MAN
STR OFF WHEN	3314A	OPER MAN MAR82 03314-90000 NOV82 03314-90050 8L 01 A1 02 MAN CHANGE JUL82 03314-90000 SERV MAN JUN82 03314-90020 NOV82 03314-90070* 8L 01 A1 04 USE 3314A FICHE 03314-90071 SERV MAN APR83 03314-90021 JUN83 03314-90071 8L 01 A1 04 SERV NOTE SET BELOW JUL84 3314A-1 NOV83 WO ALL SER.MOD TO FIX FLASH PHASE LOCK INDICATOR
GROUND LITY.	332A	OPER & SERV MAN DEC74 00331-90007 APR78 00331-90057 8L 01 09 02 MAN CHANGE JAN78 00331-90007 MAN CHANGE UK JUN77 00331-90007 SERV NOTE SET BELOW JAN82 331A/332A-1B MAY69 SER 717-01061 + UP(332A).REPL PRTS 331A/332A-2 DEC65 SER 536-00420 + DOWN.INCR RANGE OF A2R3 BIAS ADJ MODIFICATION 331A/332A-3 - NOT AVAILABLE 331A/332A-4/333A/ SEP71 SER 602-00100 + DOWN(331A); SER 536-00525 + DOWN(332A).REC REPL A2CR6 + A2CR7 334A-2A 331A/332A-5/333A/ MAY66 WO A2Q4 EXTEND LIFETIME MODIFICATION 3334A-3 331A/332A-6/333A/ JAN67 NOISE MEAS PROC IW AM CARRIER
O STOP 6A COMPUTER INT) ENT TEMP		334A-4 331A/332A-7 331/32A-8A/333/ 334A-7A 331/332A-9 CONT'D 331A/332A-U-10-S
OT AVAILABLE		331A/332A-12/333A/ JUL77 WO SER 1149A07845 & BELOW & 1551U00495 & BELOW.BRIDGE AMPLIFIER OSCILLATIONS 334A-12 332A-11A SEP77 WO SER BELOW 1145A2287O.REV OF RF DETECTOR 331A/332A/333A/ MAR81 WO ALL SER.MOD TO ELIM OSC IN VTMT MODE 334A-13 331A/332A-14 SEP81 WO ALL SER.TRBLESHING PROC TO TEST INTERMITTENT METER CIRCUIT

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3465B

3466A

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3466A

3467A

3468A

3468A/B

3468B

3469A

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3311364<u>-0</u>413331 SER 902-04431 10 1149A00575 (351A); SER 985-01911 TO 1145A22750 (332A); 980-01886 TO 113 7A02945(333A);993-02841 TO 1140A05365(334A).RF1 MOD KIT.SUPER 331/332A-8,333/334A-7 334A-7A APR75 WO SER 837-03300 TO 1149A06500(331A); SER 909-01486 TO 1145A22750(332A). INDUCTOR ADDED 331/332A-9 CONT'D TO POWER LINE GROUND LEAD JUL77 WN SAFETY.331A-SER DOWN 1149A07206 & 332A-SER DOWN 1140A6311.ELIM OF POT SAFETY HAZD 331A/332A-10B-S CONT'D SHOCK HAZARD 331A/332A-U-10-S JUN76 WN SAFETY.331A SER BELOW 1440U00696;332A SER BELOW 1448U00346.MOD TO ELIMINATE CONT'D POTENTIAL SHOCK HAZARD 331A/332A-12/333A/ JUL77 WO SER 1149A07845 & DELOW & 1551U00495 & BELOW.BRIDGE AMPLIFIER OSCILLATIONS 334A-12 332A-11A SEP77 WO SER BELOW 1145A22870. REV OF RF DETECTOR 331A/332A/333A/ MAR81 WO ALL SER. MOD TO ELIM OSC IN VTMT MODE 334A-13 331A/332A-14 SEP81 WO ALL SER. TRBLESHING PROC TO TEST INTERMITTENT METER CIRCUIT 11/08/85 PAGE 124 MODEL 0 LITERATURE H/C H/C PART FICHE

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FICHE PART M P D P
  NUMBER
                        TYPE
                                                NUMBER
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                                      DATE
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                                            *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3320A
                OPER & SERV MAN
                                                           MAY80 03320-90052 8L 01 09 04
                                     OCT76 03320-90002
                MAN CHANGE
                                     JAN80 03320-90002
                SERV NOTE SET BELOW
                                                            0CT78
                3320A/B-1
                                    DEC72 WO SER BELOW 1138A00135.REPL OF A12AQ3
                                    FEB76 WO 3320A SER BELOW 1524A00459.3320B SER BELOW 1532A01239. FUSE INSTALL STOP A8C4 FAILING
                3320A/B-2
                CONT'D
                                               FROM DAMAGING AS BOARD
                3320A/B-3B
                                    DEC77 WA ALL SER. MOD TO IMPROVE AIR CAP REL ELOW 1144A00199.STOP PWR SUPPLY DAMAGE
                                    FEB76 WA 3320A SER 1138A00336 TO 1524A00450.3320B SER 1319A00891 TO 1532A01235.AIR CAP FAIL
                3320A/B-4
                3320A/B-6
                                     AUG77 WO 3320A-NONE; 3320B-SER 1319A01150 & BELOW. CONTROLLER ROM CHANGE
33208
               OPER & SERV MAN
                                    OCT76 03320-90002
                                                            MAY80 03320-90052 8L 01 09 04
                MAN CHANGE
                                     JAN80 03320-90002
                SERV NOTE SET BELOW
                                                            OCT78
                3320A/B-1
                                     DEC72 WO SER BELOW 1138A00135.REPL OF A12AQ3
                3320A/B-2
                                    FEB76 NO 3320A SER BELOW 1524A00459.3320B SER BELOW 1532A01239. FUSE INSTALL STOP A8C4 FAILING
                CONT'D
                                               FROM DAMAGING AS BOARD
                                    DEC77 WA ALL SER. MOD TO IMPROVE AIR CAP REL ELOW 1144A00199. STOP PWR SUPPLY DAMAGE
                3320A/B-3B
                                    FEB76 WA 3320A SER 1138A00336 TO 1124A00450.3320B SER 1319A00891 TO 1532A01235.AIR CAP FAIL
                3320A/B-4
                                    AUG77 WO 3320A-NONE; 3320B-SER 1319A01150 & BELOW. CONTROLLER ROM CHANGE
                3320A/B-6
               3320B-7
                                    DEC77 HO ALL SER. IMPROVED STAB FOR D/A CONV
3320C
               OPER MAN
                                     JUN73 03320-90045
                                                           SEP73 03320-90095*
                                                                                  01 09 01 USE 3320C FICHE 03320-90090
               OPER & SERV MAN
                                     JAN74 03320-90042
                                                           AUG83 03320-90090 8L 01 09 03
               MAN CHANGE
                                    NOV76 03320-90042
               SERV NOTE SET BELOW
                                                            OCT78
                                    OCT77 WA ALL SER.REPL PROC FOR AIR CAP
FEB76 WN SER BELOW 1526A00201.FUSE INSTAL STOP A8C4 FAIL FROM DAMG A8 BOARD
               3320C-1A
                3320C-2
               3320C-3
                                    FEB76 WA SER 1314A00172 TO 1526A00201.AIR CAPACITOR FAILURE AUG77 WO SER BELOW 1314A00176.CONTROLLER ROM CHANGE
                3320C-4
               3320C-5
                                    DEC77 NO ALL SER. IMPR STABILITY FOR D/A CONV
3325A
               OPER & SERV MAN
                                     JUL78 03325-90000
                                                           FEB80 03325-90050* 8L 01 09 06 USE 3325A FICHE 03325-90051
               OPER & SERV MAN
                                     JAN81 03325-90001
                                                           NOV82 03325-90051* 8L 01 A1 06 USE 3325A FICHE 03325-90052
               OPER & SERV MAN
                                    MAY84 03325-90002
                                                           SEP84 03325-90052 8L 01 A1 01
                                                           DEC82 03325-90062* 8L 01 A1 02 USE 3325A FICHE 03325-90063
               OPER MAN
                                     JAN81 03325-90012
               OPER MAN
                                                           AUG84 03325-90063 8L 01 A1 02
                                    MAY84 03325-90013
               INSTALL NOTE
                                    DEC84 03325-90021
                                                           FEB85 03325-90221 8L 01 A1 01
               SERV NOTE SET BELOW
                                                            OCT85
                                    FEB81 WA SER 1748A01200 & BELOW (USA); 1818G00370 & BELOW (GER). PWR SUPPLY MOD TO ASSURE THAT
               3325A-1B
                CONT'D
                                              OVER-VOLT PROT CIRC WILL OPER PROPERLY
                                    JAN79 WN SER 1748A00231 THRU 1748A00425.REC MOD TO PREVENT EARLY FAILURE OF K1 RELAY
                3325A-2
                3325A-3
                                     JUN79 WO SER 1748/01300 & BELOW MOD TO IMPROVE STATUS BYTE OPERATION.
               3325A-4
                                     JUL79 WA SER 1748A01075 & BELOW. OUTPUT FUSE CHANGE.
                                     MAR80 WN SER 1748A02350 & BELOW. MOD TO IMPROVE SQUARE WAVE PHASE CONTROL
                3325A-5A
                                    FEB80 WA SER 1748A02300 TO 1748A02550.A6 BD ELECTROLYTIC CAP MAY BE INSTALLED INCORRECTLY
               3325A-6
                                    APR80 WA SER 1748A02350 & BELOW.ADJ TO MIXER DRIVER TO IMPROVE REL
                3325A-7
                3325A-8
                                    APR80 WN ALL SER. RELAY CLEANING PROC
                3325A-9
                                    JAN81 WO SER 1748A02476 TO 1748A04675.MOD TO IMPROVE OCS REL
                                    MAR85 WN SER 1748A04251 & ABOVE & 1748A04401 & ABOVE.NOT OF NEW PC BD CONN & CABLES
                3325A-10B
                                    NOV82 WA SAFETY.SER 1748A00101 THRU 1748A07339 & 1818G00101 THRU 1818G01930.NOTIFACA OF POT
               3325A-11B-S
                CONT'D
                                              ELECTR SHOCK HAZ
                                    AUG82 WN SER 1748A05825 & BELOW.PROC FOR INSTAL REV E PWR SUPPLY JAN84 WN SER 1748A04975 & BELOW.MOD TO PREV KEYBD CABLE ABRASION
               3325A-12
                3325A-13
               3325A-14
                                    MAY84 WO SER 1748A13470 & BELOW. TRANS MOUNT MOD TO PREV INTERM RESET & ERRONEOUS FRONT PANEL
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3325A-4 JUL79 WA SER 1748A01075 & BELOW OUTPUT FUSE CHANGE. 3325A-5A MAR80 WN SER 1748A02350 & BELOW MOD TO IMPROVE SQUARE WAVE PHASE CONTROL FEB80 WA SER 1748A02300 TO 1748A02550.A6 BD ELECTROLYTIC CAP MAY BE INSTALLED INCORRECTLY 3325A-6 3325A-7 APR80 WA SER 1748A02350 & BELOW.ADJ TO MIXER DRIVER TO IMPROVE REL 3325A-8 APR80 WN ALL SER. RELAY CLEANING PROC 3325A-9 JAN81 WO SER 1748A02476 TO 1748A04675.MOD TO IMPROVE OCS REL 3325A-10B MAR83 WN SER 1748A04251 & ABOVE & 1748A04401 & ABOVE.NOT OF NEW PC BD CONN & CABLES NOV82 WA SAFETY SER 1748A00101 THRU 1748A07339 & 1818G00101 THRU 1818G01930 NOTIFACA OF POT 3325A-11B-S CONT'D ELECTR SHOCK HAZ 3325A-12 AUG82 WN SER 1748A05825 & BELOW.PROC FOR INSTAL REV E PWR SUPPLY JAN84 WN SER 1748A04975 & BELOW.MOD TO PREV KEYBD CABLE ABRASION 3325A-13 MAY84 WO SER 1748A13470 & BELOW TRANS MOUNT MOD TO PREV INTERM RESET & ERRONEOUS FRONT PANEL 3325A-14

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                                       CONT'D
                       3325A
                                      3325A-15
                                                          NOV84 NO SER 1748A16023-1748A16025;1748A16030-1748A16039;1748A16042;1748A16044 & ABOVE.REC
                                       CONT'D
                                                                    EPROM TO REPLACE MASKED ROMS
                                      3325A-16A
                                                          NOV84 WO SER.1748A16400 & BELOW.30 MHZ CRYSTAL CHNG TO PREV INTERM OSCIL FAIL
                                      3325A-17
                                                          NOV84 WA SER 1748A16000 & BELOW. NEW WASHER IMPROV ATTEN BD REL
                                                          OCT84 03325-90040
                                                                                 SEP85 03325-90053 8L 01 A1 01
                       3325A-E04
                                      MAN MODIF
ROS)
                                                                                 FED85 03326-90201 8L 01 A1 01
                       3326A
                                                          NOV84 03326-90001
AL VOLTMETR
                                      OPER NOTE
                       333A
                                                          OCT75 00333-90008
                                                                                 MAR81 00333-90058 8L 01 09 02
                                      OPER & SERV MAN
                                                           DEC80 00333-900U8
                                      MAN CHANGE
                                                          MAR76 00333-90008
                                      MAN CHANGE UK 333A
                                      MAN CHANGE UK 334A
                                                          JUN77 00333-90008
                                      SERV NOTE SET BELOW
                                                                                 JAN82
                                                           MAY69
                                      333A/334A-1B
                                                                    A2Q1 RECOMMENDED REPLACEMENT
                                                                    333A SER 533-00250 + DOWN:334A SER 538-00200 + DOWN.A2CR6 + A2CR7 REC REPLACEMENT
                                      331A/332A-4A,333A/
                                                          SEP71
                                       334A-2A
                                       331A/332A~5,333A/
                                                          MAY66
                                                                    MOD TO EXTEND LIFETIME OF A2Q4
                                       334A-3
                                      331A/332A-6,333A/
                                                          JAN67
                                                                    AM CARRIER HOISE MEAS PROCEDURE
                                       3334A-4
                                                           DEC67 WO 333A SER 624-00800 + DOWN; 334A SER 625-00825 + DOWN. MOD TO REDUCE ZERO OFFSETS
                                       333A/334A-5
                                      331A/332A-8A/333/
                                                          MAR75 WA 982-04451 TO 1149A06575(331A); SER 985-0191 TO 1145A22750(332A); SER 980-01886 TO 1137
JPLR/CNTRL
                                       334A-7A
                                                                     AD2945(333A); SER 99302841 TO 1140A5365(334A).RF1 MOD KIT SPR 331A/332A-8,333A/334A7
                                       333A/334A-8
                                                           APR75 NO SER 910-01351 TO 1137A02945(333A); SER 908-01866 TO 1140A05365(334A). INDUCTOR ADDED
                                       CONT'D
                                                                     TO POWER LINE GROUND LEAD
                                                           SEP77 WN SAFETY.333A SER BELOW 1137A03316;334A SER BELOW 1140A06311.MOD TO REDUCE SHOCK HAZRD
                                       333A/334A-9B-S
JPLR/CNTRL
                                       333A/334A-U-9-S
                                                           SEP76 WN SAFETY.333A SER 1141U00601A + DOWN;334A 1441U00745A + UP.MOD TO REDUCE SHOCK HAZARD
                                       334A-10
                                                           MAR76 WO SER 1145A05870 + DOWN.RF DETECT REPL
                                                           JUN76 WO SER 1532U-00840 + DOWN.RF DETECT REV
                                       334A-U-10A
                                       333A/334A-11
                                                           NOV76 WO 333A SER 1137A03550 + DWN,334A SER 1140A07060 + DOWN.TRANSIS BETA REVISION
                                       333A/334A-U-11
                                                           JUN77 WO 333A-SER 1726U-00961 & BELOW:334A-1425U-01461 & BELOW.MOD TO TRANSISTORS
                                       331A/332A-12/333A/
                                                           JUL77 WO SER 1137A03610 & BELOW & 1551U00950 & BELOW.BRIDGE AMPLIFIER OSCILLATIONS
                                        3344-12
                                       331A/332A/333A/
                                                           MAR81 HO ALL SER. MOD TO ELIM OSC IN VTMT MODE
                                       334A-13
                                       333A/3334A-14
                                                           SEP81 WO ALL SER.TRELESHING PROC TO TEST INTERMITTENT METER CIRCUIT
                        3330A
                                                           DEC76 03330-90002
                                                                                 MAR79 03330-90052 8L 01 09 04
                                       OPER & SERV MAN
                                                           AUG78 03330-90002
                                       MAN CHANGE
                                                                                 JUL81
                                       SERV NOTE SET BELOW
                                                           NOV72 WO 3330A SER BELCH 3330B.3330B SER BELOW 1144A00199.MOD STOP PWR SUPPLY DAMAGE
                                       3330A/B-1
                                                           DEC72 WO 3330A SER BELOW 1145A00105.3330B SER BELOW 1144A00160.PHASE DETECTOR MOD
                                       3330A/B-2
                                       3330A-3
                                                                    SER BELOW 1145A00112.MOD STOP PWR SUPPLY OSCIL.NOT AVAILABLE
                                                           MAR74 WO ALL SER. OPT DOZ CRYSTAL OSCILLATUR
                                       3330A/B-4
                                       3330A/B-5A
                                                           DEC80 WO ALL SER.REPL PN FOR LED DISPLAYS
                                       3330A/B-6
                                                           DEC74 WO ALL SER.POS CAUSE OF FREQ OFFSETS
                                                           MAR75 WO ALL SER. IDENT + USE OF OLD + NEW STYLE CONTROLLER BOARDS
                                       3330A/B-7
                                                           AUG76 WO ALL 3330A SER.3330B SER BELOW 1313A01160.MOD STOP CONTROLLER BOARD FAILURES
                                       3330A/B-8A
                                       3330A/B-9
                                                           SEP76 WN ALL SER. TEST FOR COMPAT WITH 3570A
                                                           OCT78 WA SER 1331A02237 & BELOW.REC ISOLATED HP-IB TIMING IMPROVEMENT.
                                       3330A/B-10
                                                           MAR80 WA SER 1313A02622 & BELOW MOD TO IMPROVE POWER SUPPLY REL
                                       3330A/B-11A
                                                           DEC79 WO SER 1313A02578 & BELOW.PROC FOR DELETING RELAY & IMPROVING PERF
                                       3330A/B-12
                                                           JAN8O WN ALL SER.NOTIFICATION THAT 03330-69579 WILL NO LONGER BE AVAIL
                                       3330A/B-13
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SER BELOW 1145A00112.MOD STOP PWR SUPPLY OSCIL.NOT AVAILABLE
555UA-5
3330A/B-4
                        MAR74 WO ALL SER.OPT 002 CRYSTAL OSCILLATOR
                        DEC80 WO ALL SER.REPL PN FOR LED DISPLAYS
3330A/B-5A
                        DEC74 WO ALL SER.POS CAUSE OF FREQ OFFSETS
3330A/B-6
                       MAR75 WO ALL SER. IDENT + USE OF OLD + NEW STYLE CONTROLLER BOARDS
3330A/B-7
                        AUG76 WO ALL 3330A SER.3330B SER BELOW 1313A01160.MOD STOP CONTROLLER BOARD FAILURES
3330A/B-3A
3330A/B-9
                        SEP76 WN ALL SER. TEST FOR COMPAT WITH 3570A
                       OCT78 WA SER 1331A02237 & BELOW.REC ISOLATED HP-IB TIMING IMPROVEMENT.
MAR80 WA SER 1313A02622 & BELOW.MOD TO IMPROVE POWER SUPPLY REL
DEC79 WO SER 1313A02578 & BELOW.PROC FOR DELETING RELAY & IMPROVING PERF
3330A/B-10
3330A/B-11A
3330A/B-12
                        JAN80 WN ALL SER.NOTIFICATION THAT 03330-69579 WILL NO LONGER BE AVAIL
3.30A/B-13
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3330A	3330A/ii-14B	JAN81 WA SER 1313A01918 & BELOW.CORRECT TERM OF HP-IB LINES ON A34 ASSY (READ THIS WHEN CHANGING A6 ASSYS ON ABOVE UNITS
	CONT. 3330A/B-15 3330A/B-17	MAR81 NO ALL SER.REPL SLIDE SWITCHES ON A6 & A7 BDS WITH SHORT WIRE JUMPERS TO IMPR REL FEB81 WO ALL SER.ON-SITE REPAIR SERV KIT FOR 3330A/B OPT 004
33308	OPER & SERV MAN MAN CHANGE	DEC76 03330-90002 MAR79 03330-90052 8L 01 09 04 AUG78 03330-90002
	SERV NOTE SET BELOW	의 회사는 이 사람들이 있는 보고 JUL81가 되는 것으로 하고 있습니다. 그는 사람들이 있는 그는 것은 사람들이 모르는 것을 하는
	3330A/B-1 3330A/B-2	NOV72 WO 3330A SER BELOW 3330B.3330B SER BELOW 1144A00199.MOD STOP PWR SUPPLY DAMAGE DEC72 WO 3330A SER BELOW 1145A00105.3330B SER BELOW 1144A00160.PHASE DETECTOR MOD
	3330B-3	- SER BELOW 1305A00260.MOD STOP PWR SUPPLY OSCIL.NOT AVAILABLE
	3330A/B-4 3330A/B-5A	MAR74 WO ALL SER.OPT 002 CRYSTAL OSCILLATOR DEC80 WO ALL SER.REPL PN FOR LED DISPLAYS
	3330A/B-6	DEC74 WO ALL SER. POS CAUSE OF FREQ OFFSETS
	3330A/B-7	MAR75 WO ALL SER.IDENT + USE OF OLD + NEW STYLE CONTROLLER BOARDS
	3330A/B-8A	AUG76 WO ALL 3330A SER.3330B SER BELOW 1313A01160.MOD STOP CONTROLLER BOARD FAILURES
	3330A/B-9 3330A/B-10	SEP76 WN ALL SER.TEST FOR COMPAT WITH 3570A DCT78 WA SER 1331A02237 & BELOW.REC ISOLATED HP-IB TIMING IMPROVEMENT.
	3330A/B-11A	MAR80 WA SER 1313A02622 & BELOW.HOD TO IMPROVE POWER SUPPLY REL
	3330A/B-12	DEC79 NO SER 1313A02578 & BELOW.PROC FOR DELETING RELAY & IMPROVING PERF
	3330A/B-13	JANSO WN ALL SER. NOTIFICATION THAT 03330-69579 WILL NO LONGER BE AVAIL
	CONT'D 3330A/D-15 CONT'D	JAN81 CHANGING A6 ASSYS ON ABOVE UNITS F HP-IB LINES ON A34 ASSY (READ THIS WHEN MAR81 WO SER 1313A01160 & BELOW-REPL SLIDE SWITCHES ON A6 & A7 BDS WITH SHORT WIRE JUMPERS TIMPROVE REL
	33308-15A	JUL80 WN ALL SER. TRBLSHTNG TIPS FOR SWEEP PROBLEMS IN SYST APPLICATIONS
	33308-16 3330A/B-17	NOV80 WO ALL SER.REC REPL HP-IB A6 BD TO IMPROVE PERF FEB81 WO ALL SER.ON-SITE REPAIR SERV KIT FOR 3330A/B OPT 004
33311B	SERV NOTE SET BELOW	
	333118-1 333118-2/333110-1	DEC75 WO ALL SER.CLEANING OF SOLENOID CONTACTS MAY79 WN SER 1560A & BELOW.MOD TO IMPROVE CONTACT REL OF COAXIAL SWITCHES.
33311C	SERV NOTE SET BELOW	
	33311B-2/33311C-1	MAY79 WN SER 1560A & BELOW. MOD TO IMPROVE CONTACT REL OF COAXIAL SWITCHES.
33330B/C	SERV NOTE SET BELOW	in de la lateración de la contraction de la contraction de la lateración de la lateración de la contraction de
	33330B/C-1	SEP76 WN ALL SER.DIODE MODULE REPLACEMENT
3335A	OPER & SERV MAN	JUN77 03335-90002 FEB78 03335-90050* 8L 01 09 06 USE 3335A FICHE 03335-90051
	OPER & SERV MAN	AUG78 03335-90003 JUN81 03335-90051 8L 01 09 06
	REV PAGES A Man Change	OCT78 03335-90003 APR81 03335-90003
	OPER MAN	JAN79 03335-90011 DEC82 03335-90061 8L 01 A1 01
	INSTALL NOTE	DEC84 03335-90020 FED85 03335-90220 8L 01 A1 01
	OPER NOTE	DEC84 03335-90022 FEB85 03335-90222 8L 01 A1 01
	SERV NOTE SET BELOW 3335A-1	JUL78 WA SER BELOW 1640ACO261 OPT CO2, CO3,CO 4 & ALL SER STD & OTHER OPTS.MOD TO PREVENT
	CONTD	AUTO SWEEP MODE ROM ERROR
	77761-0	CED79 UN CED DELOU 1440A00300 ELTM DE DAT DOOD HUEN DEDL AAUS4 ASO1 ASO2 ASCOT OD AA

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SEP78 WN SER BELOW 1640A00300. ELIM OF POT PROB WHEN REPL A4U56, A5Q1, A5Q2, A5CR3, OR A4.

MAR80 WO SER 1640A00703 & BELOW MOD TO PREVENT LOCKING FAILURES OF SUMMATION YCO

JUN83 WA SER 1640A01900 & BELOW.MOD TO CURE INTERM DISPLAY BLANK & RANDOM CONTROL

OCT78 WN SER BELOW 1640A00376.REC INSTALL OF SPEC SWEEP MODE SWITCH.

MAY81 WN ALL SER. EQUIP SAFETY PROCED FOR TRBLSHTNG CONTROLLER (A13) ASSY

APR81 WN ALL SER. TEST SPEC CHANGE FOR INTEGRATED PHASE NOISE TEST

MAR80 WO SER 1640A00703 & BELOW MOD TO IMPR SWEEP OUTPUT REL

APR81 WN ALL SER. NOTIF OF AVAIL OF SERV KIT (03335-69800)

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JUL78 WA SER BELOW 1640A00261 OPT 002, 003,00 4 & ALL SER STD & OTHER OPTS.MOD TO PREVENT AUTO SWEEP MODE ROM ERROR 3335A-1 CONTD SEP78 WN SER BELOW 1640A00300. ELIM OF POT PROB WHEN REPL A4U56, A5Q1, A5Q2, A5CR3, OR A4. 3335A-2 OCT78 WN SER BELOW 1640A00376.REC INSTALL OF SPEC SWEEP MODE SWITCH. 3335A-3 MAR80 WO SER 1640A00703 & BELOW.MOD TO PREVENT LOCKING FAILURES OF SUMMATION YCO MAR80 WO SER 1640A00703 & BELOW.MOD TO IMPR SWEEP OUTPUT REL APR81 WN ALL SER.TEST SPEC CHANGE FOR INTEGRATED PHASE NOISE TEST 3335A-4 3335A-5 3335A-6 APR81 WN ALL SER.NOTIF OF AVAIL OF SERV KIT (03335-69800) 3335A-7 3335A~8 MAY81 WN ALL SER. EQUIP SAFETY PROCED FOR TRBLSHTNG CONTROLLER (A13) ASSY

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3484A-041

3484A-042

3484A-043

3485A

3488A

349A

349A-H01

349A-H02

3490A

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335A	3335A-9	JUN83	WA SER 1640A01900 & BELOW. MOD TO CURE INTERM DISPLAY BLANK & RANDOM CONTROL
335A-10A	OPER NOTE	DEC84	03335-90021 FEB85 03335-90221 8L 01 A1 01
1336A	SERV MAN Install Note	JUN83 DEC84	03336-90000 DEC79 03336-90050* 8L 01 A1 04 USE 3336A FICHE 03336-90051 03336-90001 JUL83 03536-90051 8L 01 A1 05 03326-90002 FEB85 03326-90202 8L 01 A1 01 03336-90021 FEB85 03336-90221 8L 01 A1 01
336A/B/C	SERV NOTE SET BELOW 3336A/B/C-1 CONT'D 3336A/B/C-2 CONT'D 3336A/B/C-4A CONT'D 3336A/B/C-5B-S CONT'D 3336A/B/C-6 3336A/B/C-9 3336A/B/C-10 3336A/B/C-14 CONT'D 3336A/B/C-15A CONT'D	MAR80 MAY81 AUG82 NOV82 NOV81 SEP82 FEB85 FEB85	OCT85 WN 3336A SER 1930A00118 & BELOW;3336B SER 1931A00116 & BELOW;3336C SER 1932A00126 & BELOW.MOD TO REPL CABLES & CONN WITH NEW IMPROVED TYPE WO 3336A SER 1930A00103-1930A00112;3336B SER 1931A00101-1931A00110;3336C SER 1932A00101 TO 1932A00107.REPL OF FRONT PANEL KEY CAPS WN ALL SER.NOTIF OF SPARE PARTS SERV KIT (03336-68701) WN 3336A:SER 1930A00409 & BELOW;3336B:SER 1931A00396 & BELOW;3336C:SER 1932A00276 & BELOW.PROC FOR REPL REV A,REV B, OR REV C PWR SUPPLIES WITH REV D POWER SUPPLY WA SAFETY.3336A:SER 1930A00409 THRU 1930A0030;3336B:SER 1931A00396 THRU 1931A00570; 3336C:1932A00276 THRU 1932A0034O.NOTIFCA OF POT ELECTR SHOCK HAZ WN ALL SER INSTALL OPT 004 RETROFIT KIT WN SPARE PARTS SERV KIT WN ALL SER.RELAY CLEANING PROC WO 3336A:SER 1930A00987 & BELOW;3336B:SER 1931A01735 & BELOW;3336C:SER 1932A00667 BELOW.TRANS HOUNT MOD TO PREV INTERM RESETS & ERRONEOUS FRT PAN DISPLAY WO 3336A:SER 1930A01115 & BELOW;3336B:SER 1931A02240 & BELOW;3336C:SER 1932A00850 & BELOW.HIGH FAIL RATE IN 30HMZ REF CRYSTAL(A3Y1:P/N 0410-1115)
5336B	OPER & SERV MAN SERV MAN OPER MAN OPER NOTE	JUN83 OCT79	03336-90000 DEC79 03336-90050* 8L 01 A1 04 USE 3336B FICHE 03336-90051 03336-90001 JUL83 03336-90051 8L 01 A1 05 03336-90010 DEC82 03336-90060 8L 01 A1 02 03336-90021 FEB85 03336-90221 8L 01 A1 01
3336C	OPER & SERV MAN SERV MAN OPER MAN OPER NOTE	JUN83 OCT79	03336-90000 DEC79 03336-90050* 8L 01 A1 04 USE 3336C FICHE 03336-90051 03336-90001 JUL83 03336-90051 8L 01 A1 05 03336-90010 DEC82 03336-90060 8L 01 A1 02 03336-90021 FEB85 03336-90221 8L 01 A1 01
534-10B	IMSTALL NOTE	DEC84	00334-90010 FEB85 00334-90210 8L 01 A1 01
33.4.4	OPER & SERV MAN MAN CHANGE MAN CHANGE UK 333A MAN CHANGE UK 334A SERV NOTE SET BELOW 333A/334A-1B 331A/332A-4A,333A/ 334A-2A 331A/332A-5,333A/ 334A-4 333A/334A-5 331A/332A-8A/333/ 334A-7A 333A/334A-8	DEC80 MAR76 JUN77 MAY69 SEP71 MAY66 JAN67 DEC67 MAR75	333A SER 533-00250 + DOWN;334A SER 538-00200 + DOWN.A2CR6 + A2CR7 REC REPLACEMENT MOD TO EXTEND LIFETIME OF A2Q4

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11/08/85 0 H/C FICHE PART M P D P MODEL LITERATURE H/C PART FICHE C NUMBER NUMBER TYPE DATE DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 334A CONT'D TO POWER LINE GROUND LEAD SEP77 WN SAFETY. 333A SER BELOW 1137A03316;334A SER BELOW 1140A06311.MOD TO REDUCE SHOCK HAZRD

333A/334A-9B-S

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MUD IN EXIEND LIFETIME OF AZRA JJ | A / JJCATJ / JJJA / KATOO 3344-3 331A/332A-6,333A/ JAN67 AM CARRIER NOISE MEAS PROCEDURE 3334A-4 DEC67 WO 333A SER 624-00800 + DOWN;334A SER 625-00825 + DOWN.MOD TO REDUCE ZERO OFFSETS 333A/334A-5 MAR75 WA 982-04451 TO 1149A06575(331A); SER 985-0191 TO 1145A22750(332A); SER 980-01886 TO 1137 331A/332A-8A/333/ A02945 (333A); SER 99302841 TO 1140A5365 (334A) RF1 MOD KIT SPR 331A/332A-8,333A/334A7 334A-7A 333A/334A-8 APR75 NO SER 910-01351 TO 1137A02945(333A); SER 908-01866 TO 1140A05365(334A). INDUCTOR ADDED

AGE 113

NGE 114

11/08/85 PAGE 128 LITERATURE FICHE PART M 0 H/C H/C PART FICHE D MODEL NUMBER LTVG NUMBER DATE DATE NUMBER TYPE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 334A CONT'D TO POWER LINE GROUND LEAD 333A/334A-9B-S SEP77 WN SAFETY.333A SER BELOW 1137A03316;334A SER BELOW 1140A06311.MOD TO REDUCE SHOCK HAZRD SEP76 WN SAFETY.333A SER 1141U00601A + DOWN;334A 1441U00745A + UP.MOD TO REDUCE SHOCK HAZARD 333A/334A-U-9-S 334-10B SEP77 WO SER 1145A05870 & BELOW.REC REPL FOR A4 R.F. DETECT ASSY 334A-U-10A JUN76 WO SER 1532U-00840 + DOWN.RF DETECT REV NOV76 WO 333A SER 1137A03550 + DWN.334A SER 1140A07060 + DOWN.TRANSIS BETA REVISION 333A/334A-11 JUN77 WO 333A-SER 1726U-00961 & BELOW; 334A-1425U-01461 & BELOW. MOD TO TRANSISTORS 333A/334A-U-11 331A/332A-12/333A/ JUL77 WO SER 1137A03610 & BELOW & 1551U00950 & BELOW.BRIDGE AMPLIFIER OSCILLATIONS 334A-12 331A/332A/333A/ MAR81 WO ALL SER. MOD TO ELIM OSC IN VTMT MODE 334A-13 333A/334A-14 SEP81 WO ALL SER.TRBLESHING PROC TO TEST INTERMITTENT METER CIRCUIT 335B SERV NOTE SET BELOW JUL81 JAN71 CRYSTAL OVEN MERCURY COLUMN THERM RPL M-4 335B CRYSTAL OVEN HEATER RELAY REPLACEMENT CRYSTAL REPL + RETUNING PROCEDURE 335B-1 335B-2 NOT AVAILABLE 335B-3 NOT AVAILABLE SCHEMATIC DIAGRAM 335B-4 335B-5 NOT AVAILABLE 335B-6 NOT AVAILABLE NOT AVAILABLE 335B-7 NOT AVAILABLE 3358-8 335B-9 NOT AVAILABLE 335B-10 SER 567 + DOWN.PWR SUPPLY, CRYSTAL OVEN CIR MODIFICATIONS 3380B JAN66 03380-90000 OPER & SERV MAN MAY84 03380-98000 8L 01 09 02 MAN CHANGE JUL66 03380-90000 339A NOV77 00339-90000 JAN78 00339-90050* 8L 01 09 02 USE 339A FICHE 00339-90051 OPER & SERV MAN APR78 00339-90001 MAY83 00339-90051 8L 01 09 02 OPER & SERV MAN FEB83 00339-90001 MAN CHANGE A FEB83 00339-90001 MAN CHANGE B SERV NOTE SET BELOW JUL84 AUG78 WA SER BELOW 1730A00451. SOLVING OSC PROBLEMS WHEN TSTNG HI GAIN AMPLIFIERS 339A-1 AUG78 WN SER BELOW 1730A00410.PROC FOR REPL OF ZENER DIODES A4CR5, A4CR11 & PHOTOCELLS A3E1/E2 SEP78 SER BELOW 1730A00555.REPL PROC FOR PHOTOCELL A3E1. 339A-2 339A-3 OCT78 WN SER BELOW 1730A00409. REPL PROC FOR PHOTOMODULE AZE1. 339A-4A JUL80 WA SER 1730A01955 & BELOW. SOLUTION TO RANGE-TO-RANGE DISTORTION PROBLEM 339A-5 JUL80 WO SER 1730A02155 & BELOW.SWITCH-SHAFT COUPLER CHANGE TO IMPROVE RELIABILITY 339A-6 339A-7A DEC80 WN SER 2025A02365 & BELOW SOL TO INADEQUATE FREQ VERNIER OVERLAP JUN81 WO ALL SER. TRBLESHING PROC. TO TEST INTERMITTENT METER CIRC. 339A-8 MAR84 WO ALL SER. MOD TO PREV DRIFT ON ODB DIST RINGE 339A-9 JAN00 340A-900 SEP70 00340-9C006 \ 01 04 01 340A OPER & SERV MAN 340B OPER & SERV MAN AUG68 00340-90004 MAY81 00340-90007 8L 01 04 02 MAN CHANGE DEC80 00340-90004 SERV NOTE SET BELOW JAN83 ALL SER.BURNOUT PROTECTION ADJUSTMENT 340B/342A-4 MAR68 AUG82 WA 340B:SER 1940A03431 TO 2038A03431;342A:SER 1930A03371 TO 2038A03644;MOD TO PREV R120 340B/342A-5 CONT'D SHORTING OUT OPER & SERV MAN JUN72 03400-90008 SEP83 03400-90058 8L 01 09 02 3400A

PAGE 129 11/08/85 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P C DATE NUMBER NUMBER NUMBER TYPE DATE LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** JUN84 03400-90062* 8L 01 09 02 USE 3400A FICHE 03400-90063 3400A OPER & SERV MAN DEC82 03400-90012 AUG84 03400-90013 JUN85 03400-90063 8L 01 09 02 OPER & SERV MAN MAN CHANGE MAY85 03400-90013 IANRS SERV NOTE SET BELOW

11/08/85 MODEL O NUMBER C

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1.25	1	MAN CHANG			0340-90004								11/1/1/1/1	
			E SET BELOW			JAN83								
		340B/342/		MAR68	ALL SER.E	BURNOUT PR	OTECTION AL	DJUSTMENT						
		340B/342/	A-5	AUG82 W			1 TO 2038AC)3431;342 <i>/</i>	1:SER 19.	30A03371 T	O 2038AO:	3644; MOD	TO PREV	R120
		CONT'D			SHORTING	OUT		The state of the s				불넓인 물론		
		OPER & SI	ERV MAN	JUN72 0	3400-90008	SEP83	03400-9005	58 8L 01	09 02					
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400A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3400A-1 3400A-2B 3400A-3 3400A-4	DEC82 03400-90012	
	3400A-10 3400A-11	- SER BELOW 1232U01515.REPL PWR REGLTR TRANSISTOR.NOT AVAILABLE JAN77 WO ALL SER.PREF RANGE SWITCH REPLACEMENT AUG77 WO SER 128A21280 & BELOW.SERIES REGULATOR TRANSISTOR REPLMT JUL81 WN SER 1218A23475 & BELOW.REC XFORMER REPL KIT 03400-68701 FOR OLDER INSTR SEP81 WO SER 1218A26678 TO 1218A26870.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRC FEB83 WO SER 2225 & BELOW.REC REPL PHOTOCHOPPER AMPLF ASSY JUL83 WN SER 2225 & BELOW.REC REPL FOR THE CHOPPER AMPLF SEP84 WN ALL SER.UPDAT OLDER INTRU RETROFITT NEW INPEDANCE CONV	
4034	OPER & SERV MAN SERV NOTE SET BELOW 3403A/B-1/3403C-5 3403A/B-2-S/ 3403C-6-S	NOV72 03403-90002 JAN83 03403-90052 8L 01 09 03 JUL81 MAR75 WA 3403A/B ALL SER.3403C SER BELOW 1452A*** REPL BY 3403A/B-2-S/3403C-6-S SEP77 WA SAFETY.3403A/B ALL SER.3403C SER BELOW 1452A01206.BANANA ADAPTER MISWIRING	1078
	3403(~7	SEP78 WN ALL SER.REC MOD TO UPDATE 3403A TO 3403C.	
5 403 8	OPER & SERV MAN SERV NOTE SET BELOW 3403A/B-1/3403C-5 3403A/B-2-S/ 3403C-6-S	NOV72 03403-90002 JAN83 03403-90052 8L 01 09 03 JUL81 MAR75 WA 3403A/B ALL SER.3403C SER BELOW 1452A*** REPL BY 3403A/B-2-S/3403C-6-S SEP77 WA SAFETY.3403A/B ALL SER.3403C SER BELOW 1452A01206.BANANA ADAPTER MISWIRING	1078
5403C	MAN CHANGE REV PAGES NO 4	JUN74 03403-90005 MAR81 03403-90053 8L 01 09 03 NOV80 03403-90005 AUG76 03403-90005 JUL81	
	SERV NOTE SET BELOW 3403A/B-1/3400C-5 3403C-1 3403C-2 3403C-3 3403C-4/3469B-5/	MAR75 WA 3403A/B ALL SER.3403C SER BELOW 1452A*** REPL BY 3403A/B-2-S/3403C-6-S JUL73 WN ALL SER.IMPR LIGHT EMMIT DIODE ANNUNC FEB74 WM TRBLSHTG PROC FOR DIG PANEL METER HP P/N 5060-9133 (FOLD-UP STYLE) NOV74 WO PN 5060-9131/32/33.REPL PN LED DISPLY APR75 WO 3403C RMS VOLTMETER. 3469B MULTIMETER1 3575A GAIN-PHASE METER DIG PANEL METER F	1078 REPAIR
	3575A-3 3403A/B-2-\$/ 3403C-6-\$	SEP77 WA SAFETY.3403A/B ALL SER.3403C SER BELOW 1452A01206.BANANA ADAPTER MISWIRING	
	3403C-7 3403C-8 3403C-9	SEP78 WN ALL SER.REC MOD TO UPDATE 3403A TO 3403C. OCT80 WO SER 1452A04110 & BELOW.REC MOD TO IMPROVE PERF APR81 WO ALL SER.MOD TO IMPROVE PERF WHEN REPL OP-AMPS A12IC4	
3406A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE GMBH	FEB75 03406-90004	
	SERV NOTE SET BELOW 3406A-1A 3406A-7 3406A-8A 3406A-9	JAN85 MAR67 REC REPL.OBSOLETES 3406A-1,2,3,4,5,6 AUG69 WO REC REPL FOR A303 SEP84 WO SER 1722A07575 & BELOW.CALIB ASSY REC PART REPL JAN73 WN A3Q12 REPL	

3498A 350A 350B 350C/D SI 3: 350D 35071A 35071B 35071c 01 35071D 3513A

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTION	FICHE FICHE PA DATE NUMBER N *** DESCRIPTION	L T V G	*** DESCRIPTION ***	
3406A	3406A-1 0	SEP81 WO SER 1722A0622				
3410A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR69 03410-90002 JUL72 03410-90002	JAN76 03410-9005	2 8L 01 09 02		

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MAN CHANGE SMBH	LERIQ US	400-7000			
SERV NOTE SET BELOW			JAN85		
3406A-1A	MAR67	REC REPL.	OBSOLETES 34	406A-1,2,3	.4.5.6
	AUG69 WO	REC REPL			
				DW.CALTB A	SSY REC PART REPL
		A3012 REP			
	AUTHOR WITE	NOTIC NEI			

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11/08/85 MODEL NUMBER 3514A OPE SER 352 352 3520/3521 OPE 3524A 3524A/3525A SER 352 352 352 352 352 352 OPE 3525A 3526/3527 SER 352 352 352 352 352 OPE OPE 3529A 353A OPE 3534A OPE OPE REV MAN SER 353 3535A

3537A

3538A

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3540B

3541A/3544A

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 130 RIPTION ***
3406A	3406A-10	SEP81 WO SER 1722A06222 TO 1722A06322.TRBLESHTNG PROC TO TEST INTERMITTENT METE	R CIRC
3410A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3410A-1 3410A-2 3410A-3B 3410A-4 3410A-5	APR69 03410-90002 JAN76 03410-90052 8L 01 09 02 JUL72 03410-90002 JAN79 AUG67 SER BELOW 719-00172.MOD TO IMPROVE RELIABILITY OF INHIBIT CIRCUIT AUG67 RECOMMENDED COMPONENT REPLACEMENTS SEP68 WO SER BELOW 735-00475.MOD IMPR PERFORM OCT67 SER BELOW 728-00250.MOD IMPR PERFORM OF PHASE LOCK AMPLIFIER JAN70 WN FIELD INSTALLATION OF OPTION H10	
3 4 111A	OPER NOTE OPER NOTE	JAN77 34111-90001 AUG77 34111-90051* 8L 01 09 01 USE 34111A FICHE 34111-900 FEB78 34111-90002 APR78 34111-90052 8L 01 09 01	52
34112A	OPER NOTE	OCT77 34112-90001 DEC77 34112-90051 8L 01 09 01	
34113A	OPER NOTE OPER NOTE OPER NOTE	MAY77 34113-90001 AUG77 34113-90051* 8L 01 09 01 USE 34113A FICHE 34113-900 JUN80 34113-90003 SEP80 34113-90053 8L 01 09 01 USE 34113A FICHE 34113-900 JUN80 34113-90003 SEP80 34113-90053 8L 01 09 01	
34114A	OPER NOTE	MAY77 34114-90001 AUG77 34114-90057 8L 01 09 01	
34115A	OPER NOTE	JAN77 34115-90000 AUG77 34115-90050 8L 01 09 01	
34196A	OPER & SERV MAN OPER & SERV MAN	JUL79 03496-90001 NOV79 03496-90051* 8L 01 09 03 USE 34196A FICHE 03496-900 JUN82 03496-90002 DEC82 03496-90052 8L 01 09 04)52
341968	OPER & SERV MAN	JUN82 03495-90002 DEC82 03496-90052 8L 01 09 04	
342A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3408/342A-4 342A-1A 3408/342A-5 CONT'D	NOV68 00342-90001 JAN82 00342-90002 8L 01 04 02 NOV81 00342-90001 JAN83 MAR68 ALL SER.BURNOUT PROTECTION ADJUSTMENT - INCORPORATING SPECIAL OPERATING FREQS AUG82 WA 340B:SER 1940A03431 TO 2038A03431;342A:SER 1930A03371 TO 2038A03644;MG SHORTING OUT	DD TO PREV R120
3420A	OPER & SERV MAN MAN CHANGE	JAN73 03420-90004 SEP77 03420-90054 8L 01 09 03 0CT76 03420-90004	
3420A/B	SERV NOTE SET BELOW 3420A-1/3420B-2 204B-2/208A-2/403B- 2/419A-4/3420B-1	APR79 FEB67 3420A SER BELOW 620-00175.3402B SER BELOW 621-00200.PREF REPL INPT POLYAN67 MAINTENANCE INSTRUCT FOR OBTAINING OPTIMUM LIFE FROM NICKEL-CADMIUM BE	
	3420A/3420B-4 CONT'D	FEB71 WO 3420A SER 954-00416 + UP.3420B SER 952-00601 + UP.REC REPL OF SENSI SER 3420A-2/3420B-3 DATE 11/70-9	HITCH SHAFTS.
	3420A/B-5C-S 3420A/B-6 3420A/B-7 3420B-8A	NOV78 WA SAFETY.ELIM OF POTENTIAL SAFETY HAZARD JUL75 WO SER BELOW 09502A00980.RED NOISE AT RECORDER OUTPUT ESP 50 HZ,230 V AC AUG75 WO SER BELOW 1524A00995.REC REPL FOR INSULATOR ON DECADE SWITCH A1S6-A1S JAN78 WN ALL SER.MOD TO ACCEPT NEW TYPE BATT	
34208	OPER & SERV MAN MAN CHANGE	JAN73 03420-90004 SEP77 03420-90054 8L 01 09 03 OCT76 03420-90004	
3421A	OPER, PROG, CONF MAN	NOV82 03421-90000 JAN83 03421-90050* 8L 01 09 04 USE 3421A FICHE 03421-900	56

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3421A	OPER PROG CONFG MAN OPER NOTE SERV MAN REVISION - A	OCT82 03421-900 MAR83 03421-900 APR83 03421-900 AUG83 03421-900 AUG83 03421-900 APR85 03421-900	006 MAY8 007 MAY8 008 JUN8! 008 008		* 8L 01 09 04 8L 01 09 01	USE 3421A FICHE ON USE 3421A FICHE ON	

11/08/85 MODEL 0 NUMBER C 35438 OPE 355C OPE OPE

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 131 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3421A	SERV MAN OPER PROG CONFG MAN OPER NOTE SERV MAN REVISION - A MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3421A-1C 3421A-2A 3421A-3A 3421A-4	OCT82 03421-90001
	3421A-5 3421A-6 3421A-8 3421A-9	FEB83 WN ALL SER.REC REPL FOR A1U101 INP OPER AMPLF DEC84 WN ALL SER.THERMOCOUPLE REF JUNCTION CALIB USING TEMP CALIB BD (03421-66505) MAR84 WA SER 2338A02935 & BELOW.MOD TO WAKE UP CIR TO IMPR REL OF HPIL PWR-UP COMMAND MAY84 WO SER 2338A03052 & BELOW.MOTHERBD ROM REPL PROC JUN84 WN SER 2338A03053 & ABOVE.FRONT PAN DSPLY OPER CHANGE
3421A-212	INST & SERV MAN	AUG83 03421-90009 DEC83 03421-90059 BL 01 09 02
343A	OPER & SERV MAN MAN CHANGE	NOV69 00343-90003 NOV79 00343-90005 8L 01 04 01 APR79 00343-90003
	SERV NOTE SET BELOW 343A-1	
3430A	OPER & SERV MAN MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW 3430A-1C 3430A-2 3430A-3 3430A-4 3430A-5 3430A-6 3470A-7	SEP69 03430-90002 JAN71 03430-90052 01 09 03 OCT70 03430-90002 MAY78 OCT70 WO MOD, REPL PRTS, PROC FOR IMPR PERFORM JUN67 SER BELOW 641-00700. REC REPL FOR HOLD DOWN BAR JUN67 SER BELOW 641-00800. MOD IMPR LINEARITY AT 400 + ABOVE COUNT LEVEL NOT AVAILABLE JUN68 SER BELOW 749-01600. MOD IMPR LINEARITY AT 400 + ABOVE COUNT LEVEL WO A5Q1 SER BELOW 749-01851. A5Q2 + A5Q3 SER 749-01951. REC REPL FOR A5Q1, A5Q2, A5Q3 DEC74 WO SAFTY. SAFTY HAZARD ELIM. ELIM POTENTIAL SHOCK HAZARD
3431A	OPER & SERV MAN MAN CHANGE MAN SUPP B SERV NOTE SET BELOW 3431A-1 3431A-2 3431A-3 3431A-4	JUL71 03431-90000 JAN73 03431-90000 SEP71 03431-90000 MAY78 OCT71 WO SER BELOW 1103A00400.FUSE REPLACEMENT OCT71 WO SER BELOW 1103A00250.CORREC ASSY ERR JUN67 SER BELOW 1103A00280.IMPR PWR SUPY TURN-ON AT LOW TEMPERATURES AUG74 WN TROUBLESHOOTING PROCEDURE
3431B	OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL71 03431-90000 JUN74 03431-90050 01 09 02 JAN73 03431-90000 SEP71 03431-90000
3431C	OPER & SERV MAN MAN CHANGE MAN SUPP B	JUL71 03431-90000 JUN74 03431-90050 01 09 02 JAN73 03431-90000 SEP71 03431-90000
3431D	OPER & SERV MAN	JUL71 03431-90000 JUN74 03431-90050 01 09 02

JUN74 03431-90050

AUG81 5951-6134

SER BELOW 718-00180. COMPARATOR CIRCUIT DIODE REPLACEMENT

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SEP77 03420-90054 8L 01 09 03

JAN83 03421-90050* 8L 01 09 04 USE 3421A FICHE 03421-90056

OPER & SERV MAN

MAN CHANGE

JAN73 03420-90004

OCT76 03420-90004

OPER, PROG, CONF MAN NOV82 03421-90000

34208

3421A

16

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3431D

3434A

3435A

MAN CHANGE

MAN SUPP B

3434A-1A

OPER & SERV MAN SERV NOTE SET BELOW

OPER & SERV MAN

JAN73 03431-90000

SEP71 03431-90000

AUG69 03434-90001

JANAN N3A35-RANNS

JUN68

SERV 3551A 3551A

3540B

11/08/85 MODEL

3543B

355C

355D

355E

355F

3550A

3550A/B

3550B

3551A

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3541A/3544A

OPER

SERV 3541

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OPER

OPER OPER OPER OPER SERV 355C-

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SERV 355D-

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
\$ 43 1D	MAN CHANGE MAN SUPP B	JAN73 03431-90000 JUN74 03431-90050 01 09 02 SEP71 03431-90000
5434A	OPER & SERV MAN SERV NOTE SET BELOW 3434A-1A	AUG69 03434-90001 AUG81 5951-6134 8L 01 09 02 APR79 JUN68 SER BELOW 718-00180.COMPARATOR CIRCUIT DIODE REPLACEMENT
3435A	OPER & SERV MAN MAN CHANGE	JAN80 03435-90002 AUG85 03435-90052 8L 01 09 02 JUN85 03435-90002
3435A/B	SERV NOTE SET BELOW 3435A-18 3435A-2 3435A-3 3435A-4A 3435A-5 3435A-68 3435A-7	JUL84 DEC82 WO ALL SER.REPL PN LED DISPLAY MAR78 WN ALL SER.REPL PROC OF 0.1 OHM CURRENT SHUNT OCT78 WO SER 1606A06400 & BELOW.REC REPL OF A1U14 & A1U15 DIGIT DRIVERS. NOV80 WN ALL SER.FRONT PANEL SWITCH INFO NOV80 WO ALL SER.MOD TO PREVENT 20 OHM RANGE DRIFTING OUT OF SPEC WITH ZERO OHMS INPUT MAR84 WO SER 1606A07700 & BELOW.MOD TO IMPR HI FREQ RESPONSE JUN81 WN ALL SER.LIST OF USER CONFIG LINE VOLTAGE OPTS
	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3437A-1 3437A-2 3437A-3 3437A-4A 3437A-5 3437A-6 3437A-7 3437A-8 3437A-9	JAN77 03437-90002 AUG77 03437-90050* 8L 01 09 03 USE 3737A FICHE 03437-90051 JAN79 03437-90003 JUN85 03437-90051 8L 01 09 04 APR85 03437-90003 JUL83 AUG77 WO SER PER SERV NOTE.CHNG TO IMPROVE INSTR ACCURACY WH ALL SER. APP & PROG CONSIDERATIONS SEP79 WH ALL SER.SERV PROC TO FIX STICKY FRONT PANEL PUSHBUTTONS NOV80 WH SER 1630A02599 & BELOW.REC REPL FOR IC A2U124 NOV80 WH SER 1630A03530 & BELOW.MOD TO REDUCE DATA PROP DELAY APR81 HH SER 1630A03530 & BELOW.REC NANOPROCESSOR REPL APR83 WH ALL SER.PROD SUPPORT PKG AUG82 WH ALL SER.PARTS REC FOR ON-SITE REPAIR FEB83 WA SER 1630A04431 S ABOVE.MOD TO ELIM EXCESS DELAY
3438A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3438A-1 3438A-2 3438A-3 3438A-5A 3438A-6 3438A-7	JUL77 03438-90000 DEC77 03438-90050* 8L 01 09 02 USE 3438A FICHE 03438-90051 FEB78 03438-90001 APR78 03438-90051* 8L 01 09 02 USE 3438A FICHE 03438-90052 JUN85 03438-90002 SEP85 03438-90052 8L 01 09 02 APR83 JAN80 WO ALL SER.MOD OF REPL FUSE LINK IN AMPS CIRCUIT MAR78 WN ALL SER.REPL PROC OF 0.1 OHM CURRENT SHUNT OCT78 WO SER 1717A00920 & BELOW.REC REPL OF A1U24 & A1U15 DIGIT DRIVERS. JUN80 WN ALL SER.CORRECTION OF IC U726 SIGNATURES FOR SIGNATURE ANALYZER TRBLSHTNG NOV80 WN ALL SER.FRONT PANEL SW INFO NOV80 WO ALL SER.MOD TO PREVENT 20 OHM RANGE DRIFTING OUT OF SPEC WITH ZERO OHMS INPUT DEC82 WN ALL SER.REC LED DISPLAY REPL
34394	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3439A-1A 3439A-2 3439A-3	JUN69 03439-90002 JUN72 03439-90052 01 09 03 MAY72 03439-90002 JAN81 - WO SER BELOW 751-02125.PREF REPL COMPARATOR DIODES JAN68 SER BELOW 640-01450.PREF REPL A907/8 MAY68 SER BELOW 751-02050.REC REPL A308
3440A	OPER & SERV MAN	JUL70 03440-90005 SEP77 03440-90055 8L 01 09 02

JUN74 03431-90050

01 09 02

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JUL71 03431-90000

3431D

OPER & SERV MAN

3440A	OPER & SERV MAN MAN CHANGE	JUL70 03440-90005 SEP77 03440-90055 8L 01 09 02 JUN76 03440-90005	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
3440A	SERV NOTE SET BELON 3440A-1A 3440A-2 3440A-3A 3440A-5 3640A-6 3440A-7 3440A-8 3440A-9D	JAN81 APR64 SER BELOW 347-00301.MOD TO UP DC ISOLATION VOLTAGE AUG64 SER BELOW 415.REC MOD RED WRM-UP TIME APR66 MOD ADD ISOL RECRD OUTPT APR65 SER BELOW 439-02226.REC REPL A3918 + A996 DEC65 SER BELOW 415-00925.MOD CONVERT PRINT COMMAND OUTPUT FROM AC TO DC COUPLED JUN65 SER 439,435,421,415,347,314.MOD REQ WHEN REPL A3915 AUG65 SER BELOW -03475.MOD IMPR ACCUR OF VOLT READ AROUND 10V AT ELEVATED TEMPERATURE AUG68 WN SER BELOW 637.PREF TRANS REPLACEMENT	

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3440A	SERV NOTE SET BELOW	- <u>다. 사이트 마이트 10 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>
	3440A-1A 3440A-2	APR64 SER BELOW 347-00301.MOD TO UP DC ISOLATION VOLTAGE
	3440A-3A	AUG64 SER BELOW 415.REC MOD RED WRM-UP TIME APR66 MOD ADD ISOL RECRD OUTPT
	3440A-5	APR65 SER BELOW 439-02226.REC REPL A3Q18 + A9Q6
	3640A-6	DEC65 SER BELOW 415-00925.MOD CONVERT PRINT COMMAND OUTPUT FROM AC TO DC COUPLED
	3440A-7 3440A-8	JUN65 SER 439,435,421,415,347,314.MOD REQ WHEN REPL A3Q15 AUG65 SER BELOW -03475.MOD IMPR ACCUR OF VOLT READ AROUND 10V AT ELEVATED TEMPERATURE
	3440A-9D	AUG65 SER BELOW -03475.MOD IMPR ACCUR OF VOLT READ AROUND 10V AT ELEVATED TEMPERATURE AUG68 WN SER BELOW 637.PREF TRANS REPLACEMENT
	3440A-10C	AUG71 MOD CONV 1-2-2-4 TO 1-2-4-8 BCD CODE
	3440A-11 3440A-12	AUG66 SER 541-04076 TO 606-05625.PREF REPL FOR A4C1
	3440A-13	AUG66 ALL SER.REVISED OPERATING PROCEDURE OCT66 WN SER BELOW 606-05875.PREF REPL DS6/7
	3440A-14	DEC66 SER BELOW 415-00725.MOD STOP OVERLOAD POWER SUPPLY
	3440A-15A	OCT71 WO REC REPL COMPARATOR DIODES
	3440A-16 3440A-17	JAN68 SER BELOW 637-08325.PREF REPL A997/8 MAY68 WO SER BELOW 749-10425.REC REPL A3911
	3440A-19	AUG80 WN ALL SER. MOD TO IMPR STABILITY OF DISPLAY
5 441 A	OPER NOTE	0CT65 03441-90004
442A	SERV NOTE SET BELOW 3442A-1A/3443A-1A	
		AUG66 SER BELOW 440-01141.PREF REED ROLAY
	3442A-2	APR68 SER BELOW 440-03190.PREF REPL A: Q8
5443A	OPER & SERV MAN	JUL70 03443-90004 SEP71 03443-90054 01 09 02
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	SERV NOTE SET BELOW 3442A-1A/3443A-1A	JAN81 Aug66 Ser Below 440-01141.Pref reed relay
	3443,1-2	NOV67 WN MOD AVOID ZERO OFFSET + FALSE AUTO RANGING
	3443A-3	MAR68 SER BELOW 444-03725. MOD TO ELIM COMPON FAIL WHILE AUTORANGING WITH HI INPUT VOLTAGES
5444A	OPER & SERV MAN	APR70 03444-90004 DEC75 03444-90054 8L 01 09 02
	MAN CHANGE	MAR75: 03444-90004
	SERV NOTE SET BELOW	NOV65 SER BELOW 536-00656. CAPACATIVE COMPENSATION WHEN REPLACING A3Q3
	3444A-2	DEC66 SER BELOW 534-01750.PREF REPL A1R18
	34444-3	MAR68 SER BELOW 644-03750.PREF REPL FOR A2Q2 TO IMPR REL
445A	OPER & SERV MAN	APR73 03445-90004 JUL73 03445-90054 01 09 02
	SERV NOTE SET BELOW	CONTRACTOR OF THE MAY 78 STORES OF THE SECOND OF THE SECON
	3445A-1A	AUG66 SER BELOW 512-00550. PREF REPL FOR A398, A3R17, + P6. OBSOLETES NOTES 3445A-2 + 3445A-3
	3445A-4 3445A-5	AUG67 SER BELOW 707-02025.MOD TO RED PRINTOUT INACCURACIES - CALIBRAT PROS FOR 10 + 100V AC RANGES
	3445A-6A	OCT67 WN ADD CAUTION DECAL "DISCONNECT 3440A SHORTING BAR WHEN MEAS AC LINE VOLTAGE"
gar Marija (dalah) Andrewa dalah sa	34454-7/34464-2	JAN71 WN 3445A SER BELOW 602-01475.3446A SER BELOW 603-00130.REC REPL OF TRANSISTOR A498
446A	OPER & SERV MAN	MAY68 U3 \46-90001 AUG70 03446-90051 01 09 02
	MAN CHANGE	JUN70 03446-90001
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	3445A-7/3446A-2 3446A-1	JAN71 WN 3445A SER BELOW 602-01475.3446A SER BELOW 603-00130.REC REPL OF TRANSISTOR A408 JUL68 SER BELOW 713-00225.MOD TO IMPR PERF
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45B	OPER & SERV MAN	NOV67 00345-90002 NOV79 00345-90005 8L 01 04 01
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	MAN CHAN OPER & S SERV NOT 3571A-1 3571A-2 3571A-3A 3571A-4
3575A	OPER & S MAN CHAN SERV NOT 3575A-1

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3450A	OPER & SERV MAN SERV NOTE SET BELOW		03450~90004 SEP71 03450~90054 01 09 06 APR79
	3450A-1 3450A-2	JUI.69	WA SER BELOW 916-00550. MOD TO UP CHARGING TIME + REDUCE CURRENT SPIKES
	3450A-3	JUL69	SER BELOW 935-01000.PROC FOR HANDLING PRINT COMMAND HOLD OFF PROBLEMS PROC FOR TRBLSHTG AC CONV PHOTOCELLS
	3450A-4		WO LO LEVEL LOGIC CONVERSION
	3450A-5 3450A-7A		WA SER BELOW 916-00800.REC REPL A13Q13 WA MOD TO STAB DATA COUNTER OSCILLATOR
	3450A-8		WA SER BELOW 946-01200.MOD FOR IMPROVED PERFORMANCE.SUPER 3450A-6

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6450A	OPER & SERV MAN	JUN71 03450-90004 SEP71 03450-90054 01 09 06
	SERV NOTE SET BELOW	
	3450A-1 3450A-2	JUL69 WA SER BELOW 916-00550 MOD TO UP CHARGING TIME + REDUCE CURRENT SPIKES JUL69 SER BELOW 935-01000 PROC FOR HANDLING PRINT COMMAND HOLD OFF PROBLEMS
	3450A-3	JUL69 PROC FOR TRBLSHTG AC CONV PHOTOCELLS
	3450A-4	JUL69 NO LO LEVEL LOGIC CONVERSION
	3450A-5 3450A-7A	JUL69 WA SER BELOW 916-00800.REC REPL A13Q13 MAR70 WA MOD TO STAB DATA COUNTER OSCILLATOR
	3450A-8	MAR70 WA SER BELOW 946-01200 MOD FOR IMPROVED PERFORMANCE. SUPER 3450A-6
	3450A-9	MAR/UNKO REPLUPRTS a SUPER 183450A-6 (1917) A PARAMENTE EN LA PARAMENTA EN REPUBLICA DE PROPERTE EN REPUBLICA
	3450A-10 3450A-11	JAN71 WO SER BELOW 959-01700. REC REPL KITS FOR A56 + A57 CIRCUIT BOARDS
		DEC71 WO TRBLSHTG INFORMATION
3450B	OPER & SERV MAN	JAN76 03450-90007 JAN78 03450-90057 8L 01 09 04
	MAN CHANGE SERV NOTE SET BELOW	NOV77 03450-90007
	3450B-1	APR83 MAR74 VA AC ZEROING PROBLEMS
	34508-2	APR74 WA INTERMITTENT TRANSFER
	3450B-3 3450B-4A	JUL75 WA INTERMITTENT OHMS CONVERTER FAILURE
	3450B-5A	JUN76 WN ALL SER.REC PRT REPL TO IMPR COUNT STABILITY ON 100MV RANGE DEC82 WN SER 1229A01480 & BELOW.REC PWR SUPPY TRANSFORMER REPL
	불 발생하나의 의료 범조를 하다 하나 없었다.	있는데 보면 말했는데 보면 있는 것이라면 하고 있다는 하는데 가면 하면 하는데 하는데 하는데 보다는 것이다. 그는데 보다는 것은데 모든데 보다는데 되었다는데 보면 되는데 하는데 하는데 되었다. 보면
3453A	OPER & SERV MAN OPER & SERV MAN	JUL79 03453-90001 NOV79 03453-90051* 8L 01 09 05 USE 3453A FICHE 03453-90052 JAN82 03453-90002 APR82 03453-90052 8L 01 09 06
	SERV NOTE SET BELOW	
	3453A-3A	JUL82 WA ALL SER. MOD TO IMPR REL OF SYNCHRONIZ CIR OF DSRU DUAL ACTION
	3453A-4A 3453A-5A	MAR83 WN ALL SER.PROPER ALIGN OF HP-IB INTERFACE CONN MAY84 WN ALL SER.RED INTERN & REOCURR DSRU FAIL
3455A	OPER & SERV MAN	내는 얼마를 잃었다. 그 나는 아이를 하다 하는 것이다. 나는 아이들의 나는 아이들이 되었다. 그는 아이들은 아이들의 나는 아이들이 나는 아이들이다.
	OPER & SERV MAN	NOV76 03455-90002 MAY79 03455-90050* 8L 01 09 04 USE 3455A FICHE 03455-90053 MAY82 03455-90003 JUN85 03455-90053 8L 01 09 05
	MAN CHANGE	APR85 03455-90003
	OPER INFO	AUG76 03455-90010 DEC76 03455-90060* 8L 01 09 01 USE 3455A FICHE 03455-90063
	OPER INFO SERV NOTE SET BELOW	NOV79 03455-90013 SEP80 03455-90063 8L 01 09 01 0CT85
	3455A-1	JUL77 WN ALL SER.BUS PROGRAMMING TIDBITS
	3455A-2	JUN77 WN COMPONENT CHANGES TO IMPROVE INSTRUMENT UTILITY & AC ACCURACY
	3455A-3A 3455A-4	APR78 WA SER 1622A01055 & BELOW.MOD TO IMPROVE STABILITY OF ZERO DETECT AMPLIFIER SEP77 WA ALL SER.MODIF TO IMPROVE AIR CAPACITOR RELIABILITY
	3455A-5A	MAR78 WN ALL SER-REMOVAL & REPL PROC FRONT PANEL SWITCH
	3455A-6	SEP77 WA SAFETY.SER BELOW 1622A00544.FUSE MOD TO PREVENT COMP DAMAGE
	3455A-7A 3455A-8	SEP79 WA SER 1622A05650 & BELOW MOD TO IMPROVE TURN-ON REL
	3455A-9A	JAN78 WO SER BELOW 1622A01655.IMPR IN AC HEAT SENSITIVITY MAY78 WN ALL SER.MOD IN INSTR PERF TEST
	3455A-10	MAY78 WN ALL SER. MOD TO IMPROVE PERF OF FRONT PANEL PUSHBUTTONS
MY SAFE	3455A-11 3455A-12C	AUG78 WO SER 1622A03305 & BELOW MOD TO IMPR TRUE RMS RESPONSE TO LOW LEVEL HI FREQ VOLTAGES
	3455A-13	MAY79 WO SER 1622A04830 & BELOW. MOD TO IMPROVE OHMS CONVERTER RESPONSE TIME. DEC78 WA SER 1622A03538 & BELOW. REC MODS TO REDUCE SW BOUNCE & A1U48 OSCILLATIONS.
	3455A~14	MAY79 WA ALL SER.MOD TO IMPROVE A/D CONVERTER PERF.
	3455A-15	SEP79 WO SER 1622A06300 & BELOW MOD TO IMPROVE TRUE RMS LOW FREQ RESP & DATA REL
	3455A-16 3455A-17B	SEP79 WO SER 1622A05300 & BELOW.PROC TO REPL RELAY A10K1 OCT84 WO ALL SER.MOD TO REDUCE AC DRIFT
	3455A-18B	APR84 WN SER 1622A09090 & BELOW. PREF REPL FOR FET'S A10Q1, Q2, Q3, Q4, Q13, Q14, Q15, Q16, Q18, Q19,
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3455A	3455A-19 3455A-20C 3455A-21 3455A-22A 3455A-23 3455A-24	DEC82 WN ALL SER.REC LED DISPLAY REPL JUN84 WN ALL SER.INTRO OF ON-SITE SERVICE KIT MAR83 WN ALL SER.DC PERF TEST ON 100V & 1000V RANGES MAY83 WN SER.1622A12900 & BELOW.REC REPL OF TERMINAL ASSY MAY83 WN ALL SER.REC REST EQUIP CHANGE APR85 WN SER 2519 & ABOVE AND 1622 & BELOW.SYSTEM II CABINET INCH/METRIC CONVERSION
3456A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 34564-1D	JUN80 03456-90000 FEB81 03456-90050* 8L 01 09 03 USE 3456A FICHE 03456-90054 JAN82 03456-90004 MAY85 03456-90054 8L 01 09 05 MAR85 03456-90004 OCT85 JUL85 WN ALL SER.INTRO OF CUSTOMER SERVICE KIT FOR BD LEVEL REPAIR

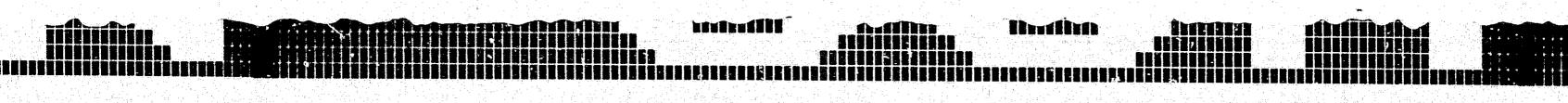
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3455A	3455A-19 3455A-20C 3455A-21 3455A-22A 3455A-23 3455A-24	DEC82 WN ALL SER.REC LED DISPLAY REPL JUN84 WN ALL SER.INTRO OF ON-SITE SERVICE KIT MAR83 WN ALL SER.DC PERF TEST ON 100V & 1000V RANGES MAY83 WN SER.1622A12900 & BELOW.REC REPL OF TERMINAL ASSY MAY83 WN ALL SER.REC REST EQUIP CHANGE APR85 WN SER 2519 & ABOVE AND 1622 & BELOW.SYSTEM II CABINET INCH/METRIC CONVERSION
3456A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3456A-1D 3456A-3 3456A-4A 3456A-5 3456A-6A 3456A-7 3456A-8 3456A-10 3456A-11 3456A-12 3456A-13 3456A-13 3456A-14 3456A-15 3456A-15 3456A-18 3456A-19 3456A-19 3456A-20	JUN80 03456-90000 FEB81 03456-90050* 8L 01 09 03 USE 3456A FICHE 03456-90054 JAN82 03456-90004 MAY85 03456-90054 8L 01 09 05 OCT85 JUL85 WN ALL SER.INTRO OF CUSTOMER SERVICE KIT FOR BD LEVEL REPAIR FEB81 WN ALL SER.3456A DIG VLTM PROD SUPPORT PKG (03456-6990D) CONTENTS & OPER INSTRUCTS FEB81 WN ALL SER.CONTEMTS & OPER INSTRUCTS FOR 03456-69901 PROD SUPPORT PKG MAR83 WN ALL SER.CONTEMTS & OPER INSTRUCTS FOR 03456-69901 PROD SUPPORT PKG JUN81 WA SER 2015A02970 & BELOW.REC MOD FOR AC RELAY PROTECTION JUL85 WN ALL SER.LIST OF 50HZ/60HZ LINE FREQ OPTS VS XTAL PNS FOR A30 INGUARD LOGIC PC BD JUN81 WA SER BELOW 2015A02161.REC MOD TO INCREASE +33 VOLT REL SEP81 WO SER BELOW 2015A02161.REC MOD TO INCREASE +33 VOLT REL SEP81 WO SER BELOW 2015A02071.PREF RCM REPL SEP81 WN ALL SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.SER.PROC TO SELECT CORRECT VALUE OF R FOR A20R150 SEP81 WN ALL SER.FROM TOWN TO THE DIGITAL CIR PERF AUG82 WN SER 2201A06299 & BELOW.MOD TO IMPR DIGITAL CIR PERF AUG82 WN SER 2201A06299 & BELOW.MOD TO IMPR PERF MAIN CONT BD JUL85 WO SER 2201A 8 BELOW.MOD TO MAKE A3 BD ASSY COMPAT WITH LIST SER FEB83 WN ALL SER.KIT FOR COMPON LEVEL REPAIR AUG83 WO SER 2201A06690 & BELOW.MOD REP WASHERS A20 ASSY MAR84 WO SER 2201A06690 & BELOW.MOD REP WASHERS A20 ASSY MAR84 WO SER 2201A06690 & BELOW.BOD REP WASHERS A20 ASSY MAR84 WO SER 2201A06750 THRU 2201A10500.POSS CAUSE FOR ANALOG FILTR FAIL APR85 WN SER 2512 & ABOVE AND 2201 & BELOW.SYSTEM II CABINET INCH/METRIC CONVERSION
3457A	OPER MAN QUICK REF GUIDE MAN CHANGE SERV MAN	APR85 03457-90000 NOV85 03457-90050 8L 01 09 05 APR85 03457-90000 AUG85 03457-90000 APR85 03457-90010 NOV85 03457-90060 8L 01 09 03
3459A	3459A-8 3460B-4/3460A-13 3459A-9 3460B-5/3460A-15 3459A-10	JAN69 03459-90001 JAN78 5951-6155 8L 01 09 03 MAY78 DEC71 WO ALL SER.REC REPL FOR OVEN CONTROLLED POWER SUPPLY TRANSISTOR A19A1Q1 JUN67 SER BELOW 537-00150.PREF REPL A17Q4 FEB67 SER BELOW 53700125.PREF REPL FOR DIODE A14CR1 JAN67 WO SER BELOW 537-00150.REPL OF CAP A2C5 + A2C10 IF FAIL + WHEN 147 PF CAP NOT AVAILABLE JAN67 SER BELOW 537-00150.PREF REPL FOR A4Q1 + A18Q6 SER BELOW 537-00150.REC REPL A6R13 FEB67 DIG TO ANALOG RESIST ASSY IS AVAILABLE ON EXCHANGE MAY67 WO SER BELOW 625-00195.MOD TO AVOID PREMATURE TRIGGERING OF READING PERIOD FLIP-FLOP MAY67 WO SER BELOW 625-00195.PREF REPL A18C3 MAY67 WO SER BELOW 717-00205.MOD TO AVOID OSCILLATION ON A1Q5 OUTPUT MAY67 WO SER BELOW 717-00225.PREF REPL A2Q8 + A2Q9
	3459A-8 3460B-4/3460A-13 3459A-9 3460B-5/3460A-15	MAY67 WO SER BELOW 717-00205.MOD TO AVOID OSCILLATION ON A1Q5 OUTPUT

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	OPER NOTE INSTALL NOTE OPER NOTE
	INSTALL MAN INSTALL NOTE SERV NOTE SE
	3582A-1 3582A-2 3582A-3
	3582A-4B 3582A-5 3582A-6
	3582A-7 3582A-8A 3582A-9
	3582A-10B 3582A-11 3582A-12
3585A	OPER MAN OPER & SERV
	OPER MAN SERV MAN MAN CHANGE A
	INSTALL NOTE OPER NOTE OPER NOTE
	SERV NOTE SE 3585A-1 3585A-2B



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                                          *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3459A
              3459A-12-S
                                   FEB77 WN SAFETY.ALL SER. REV TO MIN SHOCK POTL
346A
              OPER & SERV 'N
                                   NOV83 00346-90010
                                                         FEB85 00346-90011 8L 01 04 01
              MAN CHANGE
                                   AUG84 00346-90010
346B
              OPER & SERV MAN
                                   AUG79 00346-90004
                                                         AUG80 00346-90005* &L 01 04 01 USE 346B FICHE 00346-90008
              OPER & SERV MAN
                                   MAY83 00365-90007
                                                         DEC83 00346-90008* 8L 01 04 01 USE 346A/B/C FICHE 00346-90011
                                   NOV83 00345-90010
              OPER & SERV MAN
                                                         FEB85 00346-90011 8L 01 04 01
              MAN CHANGE
                                   AUG84 00346-90010
              SERV NOTE SET BELOW
                                                         JUL84
                                   OCT80 WA SER 2015A & BELOW. MOD REDUCING TIME SOURCE REQUIRES TO TURN OFF TO IMPROVE NOISE-OFF
              346B-1
               CONTD
                                            MEASUREMENTS
               346B-2
                                   MAY82 WA SER 2037A00994 TO 2037A01454.SER NO LABEL INSTAL BACKWARDS
               346B-3
                                   OCT82 WO SER 2037A01401 TO 2037A01457; MOD TO PREV SPURIOUS 300 MHZ OSCILLATION
              346B-4
                                   APR84 WN ALL SER. RF CONN CARE
346C
              OPER & SERV MAN
                                   MOV83 00346-90010
                                                         FEB85 00346-90011 8L 01 04 01
              MAN CHANGE
                                   AUG84 00346-90010
3460A
                                   JAN00 03460-90003
              OPER & SERV MAN
                                                         MAY73 03460-90053
                                                                                01 09 03
              SERV NOTE SET BELOW
                                                         MAY78
                                   DEC71 HO ALL SER. REC REPL FOR OVEN CONTROLLED POWER SUPPLY TRANSISTOR A19A1Q1.
               3460B-8
               404-3460A-1
                                   JUL68
                                            SER BELOW 706-01080.COMPATIBILITY MOD FOR 5050A/B + 2547A
              3460A-1
                                   JUN65
                                            MOD TO PERMIT AC + OHMS MEAS WITH 2410B-M22 AC/OHMS CONVERTER
                                   JUN74 WO ALL SER. REPR OF OHMS OVEN ASSEMBLY
               3460A/B-1/3461A-3/
               3462A-4
              3460A-2
                                   SEP65 NO SER BELOW 507-00185. PREF REPL FOR A17K1 + A2Q11
               3460A-3
                                   MAY68 WO SER BELOW 507-00260 REC TRANS REPL
               3459A-1A/346DA-4A
                                   JUN67
                                            SER BELOW 507-00370. PREF REPL A1704
               3459A-2A/3460A-5A
                                            SER BELOW 507-0G285.PREF REPL FOR DIODE A14CR1
                                   FEB67
               3460A-6
                                   SEP66
                                            PROC FOR BAL MATCHED ASSY A4 + A5
                                   JAN67 WO SER BELOW 63000725. REPL OF CAP A2C5 + A2C10 IF FAIL + WHEN 147 PF CAP NOT AVAILABLE
              3460A-7A/3459A-3A
              3460A-8/3459A-4
                                   JAN67
                                            SER BELOW 630-00675. PREF REPL FOR A491 + A1896
              3460A-9
                                   JAN67
                                            SER BELOW 622-00575. REPL OF PHOTOCHOP
              3459A-6/3460A-10
                                   FEB67
                                            DIG-TO-ANALOG RESIST ASSY IS AVAILABLE ON AN EXCHANGE BASIS
                                   APR75 WC ALL SER. REPL OVEN ASSEMBLY
              3460A/B-10A
                                   MAY67 WO SER BELOW 706-00925. MOD TO AVOID PREMATURE TRIGGERING OF READING PERIOD FLIP-FLOP
              34608-2/3460A-11/
               3459A-7
              3460B-3/3460A-12/
                                   MAY67 WO SER BELOW 706-00925.PREF REPL A18C3
               3459A-8
                                   MAY67 NO SER BELOW 706-00935. MOD TO AVOID OSCILLATION ON A1Q5 OUTPUT
              3460B-4/3460A-13/
               34591-9
               H04-3460A-14
                                            SER BELOW 706-00935.REC REPL A17CR7
                                   JUN67
              3460B-5/ 3460A-15/
                                  MAY67 WO SER BELOW 706-00965 PREF REPL FOR A208 + A209
               3459A-10
              3460A-16B-S/
                                   JAN77 WN SAFTY SAFTY HAZARD ELIM. REV TO MINIMIZE SHOCK POTENTIALS
               3460B-11A-S
3460B
              OPER & SERV MAN
                                   JUL69 03460-90004
                                                         JAN76 03460-90054 8L 01 09 04
              MAN CHANGE
                                   SEP75 03460-90004
              SERV NOTE SET BELOW
                                                         OCT78
              3460A/B-1/3460A-3/ JUN74 WO ALL SER. REPR OF OHMS OVEN ASSEMBLY
               3462A-4
               3460B-1
                                   AUG71
                                            MOD TO PERMIT USE WITH 3461A FOR MEASURING AC VOLTAGE + RESISTANCE
              3460B-2/3460A-11/
                                   MAY67 WO MOD TO AVOID PREMATURE TRIGGERING OF READING PERIOD FLIP-FLOP.
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E OPER

340UBT3/340UAT12/ MATO/ WU SER BELOW /UO-UU925.PREF REPL A18C3 3459A-8 3460B-4/3460A-13/ MAY67 WO SER BELOW 706-00935. MOD TO AVOID OSCILLATION ON A195 OUTPUT 3459A-9 SER BELOW 706-00935.REC REPL A17CR7 H04-3460A-14 34608-5/ 3460A-15/ MAY67 WO SER BELOW 706-00965 PREF REPL FOR A298 + A299 3459A-10 3460A-16B-S/ JAN77 WN SAFTY-SAFTY HAZARD ELIM.REV TO MINIMIZE SHOCK POTENTIALS 3460B-11A-S OPER & SERV MAN JUL69 03460-90004 JAN76 03460-90054 8L 01 09 04 SEP75 03460-90004 MAN CHANGE SERV NOTE SET BELOW **OCT78** 3460A/B-1/3460A-3/ JUN74 WO ALL SER.REPR OF OHMS OVEN ASSEMBLY

MOD TO PERMIT USE WITH 3461A FOR MEASURING AC VOLTAGE + RESISTANCE

MAY67 WO MOD TO AVOID PREMATURE TRIGGERING OF READING PERIOD FLIP-FLOP.

PAGE 122 11/08/85 MODEL 0 LITERATURE H/C H/C PART NUMBER TYPE DATE NUMBER CRIPTION *** 3460B 3459A-7 34608-3/3460A-12/ 3459A-8 34608-4/3460A-13/ 3459A-9 34608-5/3460A-15/ 3459A-10 3460B-6 SEP67 APR68 3460B-7 34608-8 34608-9 3460A/B-10A 3461A OPER & SERV MAN APR71 03461-90001 MAN CHANGE DEC71 03461-90001 + A2CR7 SERV NOTE SET BELOW 3461A-1 APR68 3461A-2 3461A-4-S 3462A OPER & SERV MAN DEC72 03462-90001 ERO OFFSETS SERV NOTE SET BELOW 980-01886 TO 113 3462A-1 12A-8,333/334A-7 CONT'D INDUCTOR ADDED 3462A-2 CONT'D SAFETY HAZD 3462A-3 3460A/B-1/3460A-3/ MINATE 3462A-4 ATIONS 3465A OPER & SERV MAN MAR77 03465-90007 OPER & SERV MAN MAY79 03465-90008 MAN CHANGE MAR82 05465-90008 SERV NOTE SET BELOW 3465A-1 3465A-2 3465A-3B 3465A-4B 3465A-5C 3465A-6 3465A-7B 3465B DPER & SERV MAN AUG76 03465-90010 OPER & SERV MAN NOV78 03465-90012 MAN CHANGE MAR82 03465-90012 SERV NOTE SET BELOW 3465B-1B DISTORTION IN 3465B-2B 3465B-3B 3465B-4 3465B-5 3466A OPER & SERV MAN JUL77 03466-90000

3462A-4 34608-1

34608-2/3460A-11/

AUG71

OPER

3460B

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                          *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
                   MAY67 WO SER BELOW 709-00250. PREF REPL A18C3
                   MAY67 WO SER BELOW 709-00250. MOD TO AVOID OSCILLATION ON A1Q5 OUTPUT
                   MAY67 NO SER BELOW 709-00325.PREF REPL A2Q8/9
                            SER BELOW 709-00250. MOD TO STOP 3460B SWITCHING TRANSIENTS FROM DAMG MODEL 3461A
                            SER BELOW 813-00600 MOD REQUIRED FOR OPERATIONS WITH 5050A
                   SEP71 NO SER BELOW 0977A01325.REC REPL A19A1Q1
                   SEP63 WN ALL SER. TRBLSHTG REED RELAYS IN DIGITAL-TO-ANALOG CONVERTER
                   APR75 WO ALL SER. REPL OVEN ASSEMBLY.
3460A-16B/3460B-11A JAN77 WN SAFETY.ALL SER.ELIMINATION OF POTENTIAL SHOCK HAZARD
                                         MAR72 03461-90051
                                                                01 09 03
                                         OCT78
                            SER BELOW 803-00225.PREF REPL A3262/3
                   JUL69 WO MOD TO CONV TO NEW MORE REL CONNECTOR
                   SEP77 WA SAFETY.ALL SER.REV TO MIN SHOCK POT
                                         APR73 03462-90051
                                                                01 09 05
                                          JAN80
                   AUG70 WO SER BELOW 947-00160. MOD OF A19 REF PWR SUPLY TO STOP POS DAME TO D-TO-A REEDS ON A21
                             BRD DUE TO DISCHARGING OF A19C2
                   SEP70 WO SER BELOW 924-00145 EXCEPT 913-00120, -00129, -00132, -00141, -00143. MOD TOELIM THERMAL
                             OFFSET VOLTAGES IN D-TO-A CONV SECT
                   OCT73 WO ALL SER. REPL OVEN ASSEMBLY
                   JUN74 WO ALL SER. REPR OF OHMS OVEN ASSEMBLY
                                          JAN78 03465-90057* 8L 01 09 02 USE 3465A FICHE 03465-90058
                                         JUNE2 03465-90058 8L 01 09 02
                                          JAN85
                   AUG75 WA SER 1521A00100 TO 1521A-00200. MOD TO REDUCE TEMPERATURE SENSITIVITY
                   SEP70 NO SER 1521A00100 + UP.PRECAUTION PROC
                   JUL77 WO SER BELOW 1546A01501.REPL OF A1R75
                   DEC82 WN ALL SER.REC LED DISPLAY REPL
                   SEP84 WN ALL SER. CORRECT REPL PART NUMBER FOR BATTERIES
                   OCT80 WN SER 15464A05400 & BELOW.ADJ PROC FOR AC-DC CONVERTER
                   MAY81 WN ALL SER. FRONT PNL SW INFO
                                          JAN78 03465-90060* 8L 01 09 02 USE 3465B FIGHE 03465-90062
                                          JUN82 03465-90062 8L 01 09 02
                                          JAN85
                   DEC82 WN ALL SER. REC LED DISPLAY REPL
                   SEP84 WN ALL SER.REPL PART NO FOR 3465B BATTERIES.FOR HP USE:00091-60013.CUST USE 82033A
                   MAY81 WN ALL SER. FRONT PNL SW INFO
                   JUN81 WN ALL SER. TABLE OF JUMPER & CONFIG FOR LINE VOLTAGE OPTS
                   MAY82 WN ALL SER. CHARGING INSTRUT TO EXTEND BATTERY LIFE
                                          DEC77 03466-90050* 8L U1 09 02
                                          APR78 03466-90051* 8L 01 09 02 USE 3466A FICHE 03466-90052
OPER & SERV MAN
                   JAN78 03466-90001
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3590A

3591A

3593A

3594A

3592A

3595A

362A

3604A

3701A

SCROT AN ALL SEK-COKKECT KERF LAKT NOWREK FOR RATTERIES 3465A-6 OCT80 WN SER 15464A05400 & BELOW.ADJ PROC FOR AC-DC CONVERTER 3465A-7B MAY81 WN ALL SER. FRONT PNL SW INFO 3465B JAN78 03465-90060* 8L 01 09 02 USE 3465B FICHE 03465-90062 DPER & SERV MAN AUG76 03465-90010 CPER & SERV MAN NOV78 03465-90012 JUN82 03465-90062 8L 01 09 02 MAR82 03465-90012 MAN CHANGE SERV NOTE SET BELOW JAN85 3465B-1B DEC82 WN ALL SER. REC LED DISPLAY REPL 3465B-2B SEP84 WN ALL SER.REPL PART NO FOR 3465B BATTERIES.FOR HP USE:00091-60013.CUST USE 82033A 3465B-3B MAY81 WN ALL SER. FRONT PNL SW INFO 3465B-4 JUN81 WN ALL SER. TABLE OF JUMPER & CONFIG FOR LINE VOLTAGE OPTS 3465B-5 MAY82 WN ALL SER. CHARGING INSTRUT TO EXTEND BATTERY LIFE 3466A OPER & SERV MAN JUL77 03466-90000 DEC77 03466-90050* 8L 01 09 02 OPER & SERV MAN JAN78 03466-90001 APR78 03466-90051* 8L 01 09 02 USE 3466A FICHE 03466-90052

PAGE 123 11/08/85 **PAGE 138** MODEL 0 LITERATURE H/C H/C PART FICHE PART M P D P FICHE NUMBER TYPE DATE NUMBER DATE NUMBER LTV RIPTION *** *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3466A OPER & SERV MAN JUN79 03466-90002 MAR82 03466-90052* 8L 01 09 02 USE 3466A FICHE 03466-90053 OPER & SERV MAN JAN84 03466-90003 JUN85 03466-90053 8L 01 09 02 MAN CHANGE - A APR85 03466-90003 SERV NOTE SET BELOW JUL84 3466A-1 APR78 WA SER BELOW 1716A01186 LESS OPTS 001 + 002. MOD TO PREVENT & RESTORATION PROC FOR FULLY CONT'D DISCHO BATTERY 3466A-2 MAR78 WN ALL SER.REPL PROC OF 0.1 OHM CURRENT SHUNT MP CONTROL IS APR78 WN ALL SER. CLARIFICATION OF INSTRUCT SPECS ON AC RANGE WITH INPUT SHORTED 3466A-3 OCT78 WO ALL SER.REC REPL OF INTERGRATOR OF AMP U400 3466A-4A 3466A-5 MAY78 WN ALL SER-IMPROVED TEST FOR A4 LOGIC BD 3466A-6A JAN83 WN SER 1716A14170 & BELOW.REC TRUE RMS CONVERTER REPL OCT78 WO SER 1716A03380 & BELOW.REC REPL OF A4U905, A4U906, A4U911 DIGIT DRIVER 3466A-7 NOV80 WN ALL SER. FRONT PNL SW INFO 3466A-8A MAR81 WN SER 1716A03980 & BELOW & INSTR IN WHICH U102 IS REPL.MOD TO IMPR LOW READINGS IN THE 3466A-9 CONT'D 200MV & 20MV DC RANGES 3466A-11 DEC82 WN ALL SER.REC LED DISPLAY REPL REQ DIAL. JAN83 WN SER 12061 & BELOW; &SER 1211-12143. IMPR COMMON MODE REJEC OF INPUT AMPLF 3466A-12 3466A-13 JAN83 WN ALL SER. REC LED DISPLAY REPL ARIATIONS 3466A-14 FEB84 WN SER 1716A18811 & ABOVE.MOD TO CREATE 1A DC ADJ MAR79 03467-90000 3467A OPER & SERV MAN JUNGS 03467-90050 8L 01 09 04 INCLUDES REVISION A MAN CHANGE MAY85 03467-90000 SERV NOTE SET BELOW JUL85 JUL79 WA SER 1821A00320 & BELOW. MOD TO PROTECT A9U1 & A9U2 FR DAMAGE WHEN ANALOG SHIELD REMVD 3467A-1 3467A-2 NOV79 WA SER 1821A00270 & BELOW. MOD TO PREVENT SPURIOUS BLANKING OF THE LED READOUT 3467A-3 NOV80 WA ALL SER.REC INSULATOR SPACER REPL (HP 4040-1415) 3467A-4 MAR81 WA ALL SER. MOD TO CORRECT ERRATIC DISPLAY WHEN PRINTER IS ACTIVATED 3467A-5 DEC82 WN ALL SER.REC LED DISPLAY REPL 3467A-6 JAN85 WO SER 1821A01214 & BELOW. IMPROV COMMON HODE REJEC OF IMPUT AMPLE 3468A OPER MAN NOV81 03468-90000 MAY82 03468-90050* 8L 01 09 02 USE 3468A FICHE 03468-90053 SERV MAN DEC81 03468-90001 MAR82 03465-90051* 8L 01 09 03 USE 3468A FICHE 03468-90054 MAR82 03468-90003 JUL82 03468-90053* 8L 01 09 02 USE 3468A FICHE 03468-90055 OPER MAN DEC82 03468-90054* 8L 01 09 03 USE 3468A FICHE 03468-90056 SERV MAN JUN82 03468-90004 A2CR7 OPER MAN JAN83 03468-90005 JUL85 03468-90055 8L 01 09 02 MAN CHANGE MAY85 03468-90005 SERV MAN FEB83 03468-90006 AUG83 03468-90056* 8L 01 09 03 USE 3468A FICHE 03468-90057 SERV MAN FEB84 03468-90007 JUL85 03468-90057 8L 01 09 03 MAN CHANGE MAY85 03468-90007 RO OFFSETS 3468A/B SERV NOTE SET BELOW APR84 0-01886 TO 113 FEB83 WN ALL SER.REC LED DISPLAY REPL 3468A-1A -8,335/354A-7 3468A-2 FEB83 WN ALL SER.REC REPL FOR A1U101 INP OPER AMPLE DUCTOR ADDED 3468A-3 JAN84 WN SER 2137A03601 THRU 2137A059PD.PRINTED CIR BD CHANG & SIGNATURE ANALYSIS 34688-1 FEB83 WN ALL SER.BATT RETROFIT KIT INSTAL FOR P/N 03468-68701 SAFETY HAZD 3468B OPER MAN JUL65 03468-90055 8L 01 09 02 JAN82 03468-90005 INATE MAN CHANGE MAY85 03468-90005 SERV MAN FEB83 03468-90006 AUG83 03468-90056* 8L 01 09 03 USE 3468B FICHE 03468-90057 SERV MAN FEB84 03468-90007 JUL85 03468-90057 8L 01 09 03 MAN CHANGE MAY85 03468-90007 3469A OPER & SERV MAN JUN72 03469-90002 MAY76 03469-90052 8L 01 09 02 SERV NOTE SET BELOW **OCT79** OCT71 WO SER BELOW 1104A00250. FUSE REPLACEMENT 3469A-1

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3701Z

3701A

3702A

3702B

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DISTORTION IN

	3468A-1A 3468A-2 3468A-3 3468B-1	FEB83 WN ALL SER.REC LED DISPLAY REPL FEB83 WN ALL SER.REC REPL FOR A1U101 INP OPER AMPLF JAN84 WN SER 2137A03601 THRU 2137A059RO.PRINTED CIR BD CHANG & SIGNATURE ANALYSIS FEB83 WN ALL SER.BATT RETROFIT KIT INSTAL FOR P/N 03468-68701
3468B	OPER MAN MAN CHANGE SERV MAN SERV MAN MAN CHANGE	JAN82 03468-90005 JUL85 03468-90055 8L 01 09 02 MAY85 03468-90005 FEB83 03468-90006 AUG83 03468-90056* 8L 01 09 03 USE 3468B FICHE 03468-90057 FEB84 03468-90007 JUL85 03468-90057 8L 01 09 03 MAY85 03468-90007
3469A	OPER & SERV MAN SERV NOTE SET BELOW 3469A-1	JUN72 03469-90002 MAY76 03469-90052 8L 01 09 02 OCT79 OCT71 WO SER BELOW 1104A00250.FUSE REPLACEMENT
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                        3469A
                                       3469A-2
                                                           OCT71 WO SER BELOW 1104A00250. INTERCHANGED CAPACITORS A9C8 + A9C10
                                        3469A-3
                                                           OCT72 WO IMPROVED OHMS PROTECTION
                                       3469A-4
                                                            AUG74 WO ALL SER. REPL FOR A3 DC AMPLER ASSY
                                       3469A-5
                                                            APR75 WN ALL SER. PANEL METER DISPLAY
                                       3469A/B-6
                                                            JUN75 WN ALL SER. REPL OF CURRENT SHUNT RESISTORS A11R19 + A11R20
A8C4 FAILING
                        3469B
                                       OPER & SERV MAN
                                                                                  SEP77 03469-90055 8L 01 09 02
                                                           SEP74 03469-90005
                                       MAN CHANGE
                                                           SEP76 03469-90005
IR CAP FAIL
                                       SERV NOTE SET BELOW
                                                                                  OCT79
                                       3469B-1
                                                                     NOT AVAILABLE
                                       3469B-2
                                                            FEB74 WN TRBLSHTS PROC FOR DIG PANEL METER HP P/N 5060-9131 (FOLD UP STLYE)
                                       3469B-3
                                                                 WO PN 5060-9131/32/33. REPL PN FOR LED DISPLAYS
                                       34698-4
                                                           DEC74 WO SER BELOW 1233A03800. IMPR INPT ATTEN
                                                           APR75 WO 3403C RMS VOLTMETER, 3469B MULTIMETER, 3575A GAIN PHASE METER. DIG PANEL METER REPAIRS
                                       34039-4/34698-5/
                                        3575A-3
A8C4 FAILING
                                       3469A/B-6
                                                            JUN75 WN ALL SER REPL OF CURRENT SHUNT RESISTORS A11R19 + A11R20
                                       34698-7
                                                           JUL79 WN SER 1233A01150 & BELOW.PROC TO REPL PANEL METER.
IR CAP FAIL
                        347A
                                       OPER & SERV MAN
                                                           MAY77 00347-90009
                                                                                  JUN77 00347-90010 8L 01 04 01
                        347A/349A
                                       SERV NOTE SET BELOW
                                                                                  JAN81
                                       347A-1E
                                                            SEP64
                                                                     GAS TUBE INSTALLATION PROCEDURE
                        34701A
                                       OPER & SERV MAN
                                                           JUN72 34701-90001
                                                                                  APR81 34701-90051 8L 01 09 01
                                       OPER & SERV MAN
                                                           OCT73 34701-90002
                                                                                  SEP85 34701-90052 8L 01 09 01
                        34702A
                                       OPER & SERV MAN
                                                            JAN75 34702-90002
                                                                                  SEP77 34702-90052 8L 01 09 02
                                       REV PAGES NO 3
                                                           OCT76 34702-90002
                                       SERV NOTE SET BELOW
                                                                                  APR82
                                       34702A-1A/34740A-1A NOV81 WN ALL SER. MOD TO RED AC ZERO OFFSET
                                        34750A-1A
                        34703A
                                       OPER & SERV MAN
                                                                                  DEC76 34703-90052 8L 01 09 02
                                                           MAY76 34703-90002
                                       SERV NOTE SET BELOW
                                                                                  MAY78
                                       34703A-1
                                                            JAN74 WN ALL SER. MNEMONICS GLOSSARY
                                       34703A-2
                                                            JUN74 WN ALL SER. TROUBLESHOOTING INFORMATION
                                       34721A/B-1/34703A-3 JUL74 WA ALL SER. COMPAT BETWEEN 34721A BCD MODULE & 34703A DCV/DCA/OHMS METER
                                       34703A-4
                                                           OCT74 WA SER BEFORE 1251A01500. IMPR OF REL WHEN MEAS HV DIVIDER
                                       34703A-5A
                                                           MAY75 WA SER BELOW 1251A01700.POT CAUSE OF ERRATIC OPER OF LOGIC.
ASSURE THAT
                                       34703A-6
                                                           MAR75 WN SER BELOW 1251A01500. INPUT CIR MOD TO IMPR RELIABILITY
                                       34703A-7
                                                           APR75 WA SER BELOW 1251A01651. TEMP SENSI OHMS OPERATION
                                       34703A-8
                                                           APR75 WN SER BELOW 1251A01351. FAILURE OF AUTO MODE TEST 8
                                                           MAY75 WN SER BELOW 1251A01700. IMPROPER OHMS OPERATION DUE TO BROKEN AT BOARD
                                       34703A-9
                                       34703A-10
                                                           MAY75 WN ALL SER.NEW PULL-OUT INSTR CARD
                                       34703A-11
                                                           AUG75 WN ALL SER. COMMENTS ON APPARENT ERRATIC BEHAVIOR IN DCV & OHMS, MAN RANGING MODE WHEN
CORRECTLY
                                        CONT'D
                                                                      INPUT TERMINALS OPEN
                        34720A
                                       OPER & SERV MAN
                                                           FEB74 34720-90002
                                                                                  NOV84 34720-90052 8L 01 09 01
BLES
                        34721A
                                       OPER & SERV MAN
                                                           JUN72 34721-90001
                                                                                  SEP85 34721-90051 8L 01 09 01
FACA OF POT
                        34721A/B
                                       SERV NOTE SET BELOW
                                                                                  MAY78
                                       34721A/B-1/34703A-3 JUL74 WA ALL SER. COMPAT BETWEEN 34721A BCD MODULE & 34703A DCV/DCA/OHMS METER
                                       34721B-1A
                                                           JUN75 WN ALL SER. FLOATING MEASUREMENTS USING THE BCD MODULE
FRONT PANEL
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3702B

MODEL

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1-01886 TO 113 1-8,333/334A-7 DUCTOR ADDED

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	CONT'D	AUG75 WN ALL SER.COMMENTS ON APPARENT ERRATIC BEHAVIOR IN DCV & OHMS, MAN RANGING MODE WHEN INPUT TERMINALS OPEN	
34720A 34721A		FEB74 34720-90002 NOV84 34720-90052 8L 01 09 01 JUN72 34721-90001 SEP85 34721-90051 8L 01 09 01	
34721A/B	SERV NOTE SET BELOW 34721A/B-1/34703A-3	MAY78 JUL74 WA ALL SER.COMPAT BETWEEN 34721A BCD MODULE & 34703A DCV/DCA/OHMS METER JUN75 WN ALL SER.FLOATING MEASUREMENTS USING THE BCD MODULE	3
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34721B	OPER & SERV MAN	APR75 34721-90002 SEP85 34721-90052 8L 01 09 02	3
34740A	SERV NOTE SET BELOW	NOV72 34740-90012 SEP83 34740-90051 8L 01 09 01 APR82	
	34740A-U-1000 34702A-1/34740A-1/	- NOT AVAILABLE JAN74 WO SER BELOW 1213A-03935.MOD TO REDUCE ZERO OFFSET	
	34750A-1 34740A-2	MAR74 WA SER BELOW 1213A-02200. PREV OF ACCIDENTAL SHORT BETWEEN ANALOG LOW & CHASIS GROUND	
34750A	REV PAGES NO 3	JUN73 34750-90001 MAR79 34750-90051 8L 01 09 02 MAR75 34750-90012 DEC78 34750-90012	
	SERV NOTE SET BELOW	DEC78 34750-90012 APR82 JAN74 WO SER BELOW 1213A-03935.MOD TO REDUCE ZERO OFFSET	
3476A	MAN CHANGE	JUN76 03476-90001 MAR81 03476-90051 8L 01 09 02 NOV80 03476-90001	
	SERV NOTE SET BELOW 3476A/B-1	nickamianian anakhi nika ili ili ili ili ili ili ili ili ili il	
	3476A-3 3476A-4	JAN77 WN SER BELOW 1619A05840.MOD TO IMPROVE OHMS PROTECTION JAN77 WO SER BELOW 1619A05840.MOD TO IMPR PERF	
		APR81 WN ALL SER. FRONT PNL SW INFO JUN81 WN ALL SER. INFO FOR XCHANGNG 3476A A1 PC ASSY USING BLUE STRIPE XCHANGE PROG	
3476B	OPER & SERV MAN	FEB76 03476-90005 AUG77 03476-90055* 8L 01 09 01 USE 3476B FICHE 03476-90056 NOV76 03476-90006 MAR81 03476-90056 8L 01 09 01	
	SERV NOTE SET BELOW	NOV80 03476-90006 JAN83 MAY76 WN ALL SER.REC CLEANING PROC FOR CONTAMINATED A1 PC BOARD ASSEMBLIES	
	3476B-2 3476B-3	JAN77 WN SER BELOW 1617A05610.MOD TO IMPROVE OHMS PROTECTION JAN77 WO SER BELOW 1617A05610.MOD TO IMPR PERF	
	34768-4B 34768-5 34768-6	APR81 WN ALL SER.FRONT PNL SW INFO JUN81 WN ALL SER.REPL OF 3476B MULTIMETER P C ASSY SEP82 WN ALL SER CHANGES IN PART NUMBERS	
3478A	OPER MAN	OCT81 03478-90000 MAY82 03478-90050* 8L 01 09 02 USE 3478A FICHE 03478-90053 DEC81 03478-90001 MAR82 03478-90051* 8L 01 09 03 USE 3478A FICHE 03478-90054	
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	MAN CHANGE - A SERV NOTE SET BELOW	APR85 03478-90006 OCT85	
	3478A-1 3478A-2 3478A-3	MAR82 WN ALL SER.VERIF PROG LISTING (P/N 03478-9000) MAY82 WA SER 2136A00101 TO 2136A00845.EXPL OF ERROR MESSAGE AT TURN-ON FEB83 WN ALL SER.REC REPL FOR A1U101 INP OPER AMPLF	
	3478A-4 3478A-5	NOV83 WO ALL SER.REC REPL OF OUTGUARD PROG ROM (U502) APR85 WN SER 2520 & ABOVE AND 2301 & BELOW.SYSTEM II CABINET INCH/METRIC CONVERSION	
3480A	OPER & SERV MAN MAN CHANGE	FEB73 03480-90001 OCT84 03480-90051 8L 01 09 03 MAY74 03480-90001	

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                    MAR82 WN ALL SER. VERIF PROG LISTING (P/N 03478-9000)
3478A-1
3478A-2
                    MAY82 WA SER 2136A00101 TO 2136A00845.EXPL OF ERROR MESSAGE AT TURN-ON
3478A-3
                    FEB83 WN ALL SER. REC REPL FOR A1U101 INP OPER AMPLE
3478A-4
                    NOV83 WO ALL SER.REC REPL OF OUTGUARD PRGG ROM (U502)
3478A-5
                    APR85 WN SER 2520 & ABOVE AND 2301 & BELOW.SYSTEM II CABINET INCH/METRIC CONVERSION
                    FEB73 03480-90001
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                                          OCT84 03480-90051 8L 01 09 03
MAN CHANGE
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3480A/B
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                                                        MAY78
              3480A/B-1
                                  APR71 WO INSTAL OF 3485A SCANNER
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                                  FEB74 WO ALL SER.REC REPL A21C18
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                                  MAR74 WN ALL SER. IMPROVE RELIABILITY
              3480A/B-5
                                  MAR74 NO 3480A SER BELOW 1128A00845.3480B SER BELOW 1127A01550.OSCIL ON -20V SUPPLY
              3480A/B-6
                                  MAR74 WO ALL SER.REC REPL FOR NIXIE DRIVER
                                  JAN75 WA ALL SER. BOTTOM COVER SHORTED TO GUARD
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                                  OCT75 WA ALL SER-THAT HAVE BEEN RETROFITTED WITH OPTICAL ISOL BCD 03480-66525/03460-69525
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                                  APR75 WO ALL SER THAT HAVE BEEN RETROFITTED WITH OPTICAL BCD CARDS. TEMP SENSI OPTICAL ISOL
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                                            BCD OPERATION
              3480A/B-9
                                  APR75 WO ALL SER RETROFITTED WITH OPTICAL BCD CARDS. TEMP SENSI OPTICAL ISOL BCD OPER
              3480A/B-10
                                  OCT76 WN ALL SER RETROFITTED WITH OPT OD4 BCD OUTPT ASSY. MOD TO CORREC BCD OUTPT CLOCK FREQ
3480B
              OPER & SERV MAN
                                  FEB73 03480-90001
                                                        OCT84 03480-90051 8L 01 09 03
              MAN CHANGE
                                  MAY74 03480-90001
3480C
              OPER & SERV MAN
                                  JUL75 03480-90004
                                                        JAN76 03480-90054* 8L 01 09 03 USE 3480D FICHE 03468-90057
3480C/D
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                                  OCT74 WO ALL SER.REPL PN FOR LED DISPLAYS
              3480C/D-2
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               3480c/D-4
                                  OCT75 WA ALL SER.REC REPL FOR PWR SUPY CAPACITORS A6C2 TO A6C7
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                                  OCT76 WN 3480C SER BELOW 1337A00286,3480D SER BELOW 1338A00786 WITH OPT 004 BCD OUTPT ASSY.
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                                                        JUN77 03480-90007
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              OPER & SERV MAN
3480D-001
              OPER & SERV MAN
                                  JUN77 03480-90007
                                                        SEP77 03480-90057 8L 01 09 04
3480D-004
               OPER & SERV MAN
                                  JUN77 03480-90007
                                                        SEP77 03480-90057 8L 01 09 04
3481A
               OPER & SERV MAN
                                  JANOO 03481-90000
                                                        APR81 03481-90050 8L 01 09 01
3482A
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                                                        JAN76 03482-90051 8L 01 09 02
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               3482A-2
               3482A-3
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3484A
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               OPER & SERV MAN
                                  AUG75 03484-90002
                                                        JAN76 03484-90052* 8L 01 09 03 USE 3484A FICHE 03480-90057
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                                                        JUL83
                                  OCT72 WA IMPR OHMS ASSEMBLY PROTECTION
               3484A-1
               3484A-2
                                  JUL74 WO SER BELOW 1124A01494. INTERMITTENT FALSE TRIGGERING
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JUL/4 WO SER BELOW 1133A00711.INTERMITTENT FALSE TRIGGERING
               5482A-5
               3482A-4
                                   JAN75 WN SER BELOW 1130A00751. PROPER USE OF PRINT COMMAND (FLAG) SIGNAL
               3482A-5
                                   JUN75 WA SER ALL BUT OPTICAL ISOL REMOTE CNTR ASSY PRIOR TO REV B. IMPR NOISE IMMUNITY TO STEP
               CONT'D
                                             INPUT VOLTAGES
3484A
              OPER & SERV MAN
                                   JUN77 03480-90007
                                                         OCT85 03480-90057 8L 01 09 04
                                   AUG75 03484-90002
                                                         JAN76 03484-90052* 8L 01 09 03 USE 3484A FICHE 03480-90057
              OPER & SERV MAN
              SERV NOTE SET BELOW
                                                         JUL83
              3484A-1
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                                   JUL74 WO SER BELOW 1124A01494. INTERMITTENT FALSE TRIGGERING
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3484A
               3484A-3
                                   JAN75 WN SER BELOW 1124A01576.PROPER USE OF PRINT COMMAND (FLAG) SIGNAL
               3484A-4
                                   MAY75 WA ALL SER BUT OPTICAL ISOL REMOTE CNTR ASSY PRIOR TO REV B.IMPR NOISE IMMUNITY TO STEP
                CONT'D
                                             INPUT VOLTAGES
               3484A-5A
                                   OCT76 WN ALL SER BELOW 1224A01986 WITH OPT 043. MOD TO ELIM AC CONVERTER OSCILLATION
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                                   FEB83 WN ALL SER.REC SUB TRANS FOR Q1 OF DC AMPLE ASSY
               3484A-7
                                   MAR83 WN ALL SER.REC REPL OF FRONT PAN SAMPLE RATE ADJUST POTENTIOMETER R3
3484A-H04
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                                   JUN77 03480-90007
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3484A-041
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                                   JUN77 03480-90007
                                                         SEP77 03480-90057 8L 01 09 04
                                                         SEP77 03480-90057 8L 01 09 04
3484A-042
               OPER & SERV MAN
                                   JUN77 03480-90007
3484A-043
               OPER & SERV MAN
                                   JUN77 03480-90007
                                                         SEP77 03480-90057 8L 01 09 04
3485A
               OPER & SERV MAN
                                   JUL74 03485-90001
                                                         APR75 03485-90051
                                                                               01 09 02
               SERV NOTE SET BELOW
                                                         JUL83
               3485A-1A
                                   MAY74 WO ALL SER WITH INDUCTOR COUPL REMOTE ASSY. INCORREC TIME OF REMOTE "PROGRAM
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               3485A-2
                                   AUG75 WA SER BELOW 1119A00599. MOD FOR PROPER SCANNING UNDER REMOTE CONTROL
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               3485A-3
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                                   JUL76 WN ALL SER.REPR FOR CHNL INPT CONNECTORS
               3485A-5
3488A
               OPER, PROG &CONF MAN OCT83 03488-90000
                                                         DEC83 03488-90050* 8L 01 09 05 USE 3488A FICHE 03488-90052
               OPER, PROG &CONF MAN MAY84 03488-90002
                                                         JUL85 03488-90052 8L 01 09 05
                                   MAY85 03488-90002
               MAN CHANGE
               SERV MAN
                                   OCT83 03488-90009
                                                         APR84 03488-90059* 8L 01 09 02 USE 3488A FICHE 03488-90060
                                   DEC84 03488-90010
                                                         AUG85 03488-90060 8L 01 09 05
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               MAN CHANGE
               SERV NOTE SET BELOW
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349A-H02
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3490A
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                                                         APR78 03490-90066 8L 01 09 05
                                   MAR78 03490-90016
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                                                         APR83
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3490A
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               3490A-9B
                                   DEC82 WO ALL SER. REPL PN FOR LED DISPLAY
                                   MAY75 WO ALL SER. IDENT LEADS FOR OPTICAL ISOL
               3490A-10
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                                  OCT75 WO ALL SER.REPL PN FOR REBUILT HP-IB OPTICAL ISOLATION ASSEMBLY
                                  JAN77 WO ALL SER. MOD TO IMPROVE PERFORMANCE
               3490A-12A
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               3490A-14
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               3490A-15
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               3490A-16
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                                  OCT81 WN ALL SER. SPARE PARTS & TRBLESHTNG INFO
3495A
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                                   NOV77 03495-90012
                                                         AUG85 03495-90062 8L 01 09 04
                                   JUN85 03495-90012
               MAN CHANGE
              PROG & SERV MAN
                                   SEP74 03495-90000
                                                         JAN76 03495-90090* 01 09 02 USE 3495A FICHE 03495-90091
                                   JUN77 03495-90011
                                                         AUG77 03495-90091* 8L 01 09 02 USE 3495A FICHE 03495-90062
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                                                         JAN84
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                                   AUG83 WN ALL SER.20 CHNL TEST CONN OPER
               OPER & SERV MAN
3496A
                                   JUL79 03496-90001
                                                         NOV79 03496-90051* 8L 01 09 03 USE 3496A FICHE 03496-90052
                                   JUN82 03496-90002
                                                         DEC82 03496-90052 8L 01 09 04
               OPER & SERV MAN
               SERV NOTE SET BELOW
                                                         OCT84
                                   JUL82 WA SER 1740A00343 & BELOW. CAUTION TO PREVENT SERIOUS SCANNER MECH DAMAGE
               3496A-1B
                                   JUL80 WN SER 1740A00192-1740A00499 (BEZEL FASTENERS ONLY) & SER PRIOR TO 1740A00191 (BOTH
               3496A-2
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               3496A-3
                                   JUL81 WO ALL SER.REC REPL DUT PWR SUPPLY RELAYS 0490-1129 WITH DATE CODES 8010 THRU 8037
                                   JUN82 WO ALL SER. MOD TO IMPR REL OF SIG ANALY (OPT 008) IN 3060A SYST CONFIG.
               3496A-4C
                                   JUN82 WN SER 1801A00819 & UP.NEW SCANNER ANALOG BD & CENTER BAR DESIGNS
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                                   APR82 WN ALL SER.REPL PADDLE PIN (HP P/N 1258-0179) CHANGE FOR USE ON 03496-66552 ANALOG RELAY
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                                   JAN83 WA SER 2137A00990 & BELOW ELTM FIXTURE ENBLE ARC AT PADDLE PINS
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                                   JUN84 WN ALL SER. REPL LIGHTED PUS!/BUTTON SWTCH
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3496B
                                                         APR82
               3496B-4B
                                   DEC81 WO ALL SER IMPROV OPT 008 CONFIR TEST
3497A
                                   APR80 03497-90000
                                                         SEP80 03497-90050* 8L 01 09 03 USE 3497A FICHE 03497-90064
               OPER & SERV MAN
                                   APR80 03497-90001
                                                         JUN80 03497-90051* 8L 01 09 01 USE 3497A FICHE 03497-90060
               INTRO USERS GUIDE
                                                         AUG81 03497-90060* 8L 01 09 01 USE 3497A FICHE 03497-90064
                                   APR80 03497-90010
               INTROD USERS GUIDE
                                   JUL81 03497-90011
                                                         OCT81 03497-90054* 8L 01 09 03 USE 3497A FICHE 03497-90070
               OPER & SERV MAN
               INTRO USERS GUIDE
                                                         JAN82 03497-90064* 8L 01 09 01 USE 3497A FICHE 03497-90070
                                   APR80 03497-90014
                                   FEB82 03497-90015
               OPER & SERV MAN
                                                         MAY82 03497-90065* 8L 01 09 02 USE 3497A FICHE 03497-90070
               OPER, PROGECONF MAN DEC82 03497-90019
                                                         MAR83 03497-90069* 8L 01 09 09 USE 3497A FICHE 03497-90073
               INSTALL & SERV MAN DEC82 03497-90020
                                                         MAY85 03497-90070 8L 01 09 05
               MAN CHANGE
                                   MAR85 03497-90020
                                   DEC82 03497-90021
               SERV MAN
                                                         MAY83 03497-90071* 8L 01 09 04 USE 3497A FICHE 03497-90072
                                   APR84 03497-90022
               SERV MAN
                                                         MAY85 03497-90072 8L 01 09 04
               MAN CHANGE
                                   MAR85 03497-90022
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11/08/85 PAGE 144 0 LITERATURE FICHE PART M P D P HODEL H/C H/C PART FICHE DATE NUMBER C TYPE DATE NUMBER NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3497A OPER, PROGECONF MAN NOV84 03497-90023 MAY85 03497-90073 8L 01 09 09 SERV NOTE SET BELOW **OCT85** AUG80 WO ALL SER. INSTRUCT FOR MAKING BLU STRIPE XCHANGE FOR 03497-69510 TCC RD 3497A-1

11/08/85 MODEL NUMBER

37203A

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11/08/85

3716A

3717A

3720A

37201A

37201A-050

372 SERIES

MODEL

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R120		INIKU USEKS GUIDE OPER & SERV MAN OPER, PROG&CONF MAN INSTALL & SERV MAN MAN CHANGE SERV MAN SERV MAN MAN CHANGE	APR8U U3497-90014
≣ 129	11/08/85 MODEL	O LITERATURE	H/C H/C PART FICHE FICHE PART M P D P
	NUMBER	TYPE	DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
	3497A	OPER, PROG&CONF MAN SERV NOTE SET BELOW	NOV84 03497-90023 MAY85 03497-90073 8L 01 09 09 09 0CT85
		3497A-1 3497A-2	AUG80 WO ALL SER.INSTRUCT FOR MAKING BLU STRIPE XCHANGE FOR 03497-69510 TCC BD SEP80 WA SER 2011A00359 & BELOW.INSTAL ANALOG & DIGITAL EXT CONN FOR INTERFACING 3497A/3498A
		3497A-3A 3497A-4	NOV80 WA SER 2011A00160 & BELOW.REC OUTGUARD CONTROLLER BD EPROM TO ROM UPDATE TO IMPR PERF. NOV80 WN ALL SER.INSTR FOR MAKING A BLUE STRIPE XCHANGE FOR 03497-69502
		3497A-5A 3497A-6	SEP81 WN ALL SER.3497A PROD SUPP PKG (03497-69900) CONTENTS & OPER INSTR FEB81 WA SER 2011A00160 & BELOW.REC OUTGUARD CONTROLLER BD (03497-66501) WHEN INSTALL 100 KHZ
		CONT*D 3497A-7B	RECIPROCAL CTR ASSY SEP81 WN ALL SER.NEW XTAL HANDLING PROC DURING BLUE STRIPE BD XCHANGE FOR 03497-69502
		3497A-8B 3497A-9	MAY83 WN ALL CUSTOMER SPARE PARTS REC Jul81 WN ALL SER.INSTRUCT FOR REMOVING OPT ROM WHEN MAKING BLUE STRIPE BD XCHANGE OF HP-1B
		CONT'D 3497A-10	MAINFRAME OUTGUARD CONTROLLER BD JUN82 WN ALL SER.OPER VERIF OF THERMOCOUPLE COMPENSATED OPT 020
		3497A+11 3497A-12	DEC82 WN ALL SER. REC LED DISPLAY REPL APR83 WN ALL SER. MAINFRM VERIF CHECKS
		3497A-13	AUG83 WA MOD TO PREV INTERRM TURN-ON FAILURES &/OR FRONT PAN/ I/O LOCK-UPS
		3497A-14	AUG83 WN REC FUSE REPL FOR 50 HZ OPER
078		3497A-15 3497A-16	OCT83 WN REC INPUT PELAY REPL FOR VOLTMETER OPT OCT83 WO REC REPL TO IMPROV STABILITY OF VOLTMETER OPT CURRENT SOURCE
		3497A-17	OCT83 WO REC RESISTOR REPL TO IMPROV VOLTMETER OPT STABILITY
		3497A-18	NOV83 WO REC PWR SUPPLY REPL
		3497A-19 3497A-20	FEB85 WA ALL SER.9825A/C CARDVER PROG ERROR APR85 WA SER 2222A08697 THRU 2448A16174.MOD TO REPLACE MISSING DICADE ADDRESS CHANG TRACE
		3497A-21	JUL85 WN SER 2514 & ABOVE AND 2448 & BELOW.SYSTEM II CABINET INCH/METRIC CONVERSION
1078		3497A-22	MAY85 WA ALL SER.GETTING DC1 HANDSHAKING TO WORK FOR OPT WHEN 44420A INTER DVM IS NOT PRESENT

APR73 35071-90006

APR73 35071-90006

APR73 35071-90006

OCT80 03513-90059 8L 01 11 01

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MODEL NUMBER 37203A 37203A-001 3721A

37201A-050

11/08/85

1078 3497A-23-S MAR85 WA SAFETY: SER 2448A15955 & BELOW. POSS SHOCK HAZ 3498A OPER & SERV MAN MAR82 03498-90001 JUL82 03498-90051 8L 01 09 02 SERV NOTE SET BELOW **OCT85** 3498A-1 NOV80 NO ALL SER. MOD TO PREVENT INTERMITTENT RESP OF DIG INPUT OPT 050 CARDS (44425A) WHILE CONT'D IN A 3498A EXTENDER 3498A-2 JAN81 WA SER 2026A00186 & BELOW.MOD TO IMPR +5 VOLT OUTGUARD PWR SUPPLY OPERATION MAR85 WA SAFETY:SER 2223A04650 & BELOW.POSS SHOCK HAZ 3498A-3-S 1078 350A OPER & SERV MAN JAN00 350B-910 APR81 350A/B-550 8L 01 09 01 350B OPER & SERV MAN JAN00 350B-910 APR81 350A/B-550 8L 01 09 01 REPAIR 350C/D SERV NOTE SET BELOW MAY78 10DB, 100DB ATTEN ASSY REPL INSTRUCTNS 350C/D-1 **0CT66** 350D OPER & SERV MAN MAR71 00350-90203 MAY80 00350-90253 8L 01 09 01 FEB80 00350-90203 MAN CHANGE 35071A OPER NOTE JANOO 35071-90005 APR73 35071-90006 **VOI 45 01**

JAN00 35071-90005

JANOD 35071-90005

JAN00 35071-90005

MAY68 03513-90009

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OPER NOTE

OPER NOTE

OPER NOTE

OPER & SERV MAN

37210/220T 37212A 37213A 37214A

11/08/85 FICHE FICHE PART M P D P DATE NUMBER L T V G H/C PART NUMBER LITERATURE H/C MODEL NUMBER C TYPE DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3514A OPER & SERV MAN MAY68 03513-90009 OCT80 03513-90059 8L 01 11 01 3520/3521 APR79 SERV NOTE SET BELOW 3520/21A+B-1 OCT68 SECONDARY CAPSTAN ASSY REPL INSTRUCT

11/08/85 MODEL NUMBER 37214A

37215A

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PAGE 145

35071c		OPER	NOTE		JANOO	35071-	90005	APR73	35071-	90006		01	45	01					
35071D		OPER	NOTE		JANOO	35071-	90005	APR73	35071-	90006		01	45	01					
3513A		OPER	& SER	/ MAN	MAY68	03513-	90009	OCT80	03513-	90059	8L	01	11	01					

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11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G	PAGE 145
3514A	OPER & SERV MAN	*** DESCRIPTION *** DESCRIPTIO	
3520/3521	SERV NOTE SET BELOW 3520/21A+B-1 3520/3521A-1	APR79 OCT68 SECONDARY CAPSTAN ASSY REPL INSTRUCT APR67 PROC FOR 60HZ TO 50HZ FIELD CONV	
3524A	OPER & SERV MAN	MAY68 03524-90009 AUG82 03524-90059 8L 01 11 02	
3524A/3525A	SERV NOTE SET BELOW 3524A/25A-1 3524/25/26/27A-1 3524/3525/3526/ 3527-2	APR79 OCT68 SECONDARY CAPSTAN ASSY REPL INSTRUCT DEC68 ALIGNMENT OF TAPE TAKE-UP ARM MAY70 WN SER BELOW 818.MOD TO ASSURE PROPER TIME DELAY OF K-5 START RELAY	
	3524A-3/3525A-3/ 3526A-3/3527A-3	AUG73 WN ALL SER.REPL OF DASHPOT 1520-0073	
3525A	OPER & SERV MAN	MAY68 03524-90009 AUG82 03524-90059 BL 01 11 02	
3526/3527	SERV NOTE SET BELOW 3524/25/26/27A-1 3524/3525/3526/ 3527-2	APR79 DEC68 ALIGNMENT OF TAPE TAKE-UP ARM MAY70 WN SER BELOW 818.MOD TO ASSURE PROPER TIME DELAY OF K-5 START RELAY	
	3524A-3/3525A-3/ 3526A-3/3527A-3	AUG73 WN ALL SER.REPL OF DASHPOT 1520-0073	
	3526A/27A-1	OCT68 SECONDARY CAPSTAN ASSY REPL INSTRUCT	
3529A	OPER NOTE OPER NOTE	JUL71 03529-90005 NOV71 03529-90050* 01 09 01 USE 3529A FICHE 03529-90056 JUL82 03529-90006 SEP82 03529-90056 8L 01 09 01	
353A	OPER & SERV MAN MAN CHANGE	OCT71 00353-90003 APR78 00353-90053 8L 01 09 01 MAR78 00353-90003	
3534A	OPER & SERV MAN	AUG68 03534-90010 JAN82 03534-90060 8L 01 11 01	
3535A	OPER & SERV MAN REV A & B MAN CHANGE SERV NOTE SET BELOW 3535A-1A	NOV68 03535-90010 JAN76 03535-90050 8L 01 11 02 APR69 03535-90010 JAN74 03535-90010 JEB68 PREF REPL FOR AIR11	
3537A	OPER & SERV MAN	AUG68 03534-90010 JAN82 03534-90060 8L 01 11 01	
3538A	OPER & SERV MAN REV A & B MAN CHANGE SERV NOTE SET BELOW 3538A-1	NOV68 03535-90010 JAN76 03535-90050 8L 01 11 02 APR69 03535-90010 JAN74 03535-90010 W OCT78 NOV68 MOD REQ WHEN HEAD ASSY REPLACED	
354A	OPER NOTE	SEP74 00354-90007 OCT84 00354-90008 8L 01 04 01	
3540B	OPER & SERV MAN	AUG73 03540-90011 JAN82 03540-90061 8L 01 11 01	
3541A/3544A	SENV NOTE SET BELOW 3541A/3544A-1	요. 이렇게 마른데이 하는데 모르는데 하는데 되는데 되는데 되는데 하는데 하는데 하는데 되는데 되는데 되는데 모든데 모든데 되는데 되는데 되는데 되는데 모든데 되는데 되는데 되는데 되는데 되는데 되는 요. 보는데 보고 있는데 보는데 되는데 되는데 되는데 되는데 되는데 되는데 되는데 되는데 되는데 되	

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35438	OPER	& SERV MAN	AU673	03540-90011	JAN82	03540-90061	8L (D1 11	01					
355C	OPER OPER	NOTE & SERV MAN & SERV MAN	APR77 NOV78	00355-90025 00355-90036 00355-90038	MAY77	00355-90026* 00355-90037* 00355-90039*	8L (01 04	01 USI	355C	FICHE OC			

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1/08/85 Model Number	O LITERATURE C TYPE	PAGE 146 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
543 8	OPER & SERV MAN	AUG73 03540-90011 JAN82 03540-90061 8L 01 11 01
55 c	OPER NOTE OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELO 355C-1	NOV72 00355-90025 DEC72 00355-90026* 01 04 01 USE 355C FICHE 00355-90037 APR77 00355-90036 MAY77 00355-90037* 8L 01 04 01 USE 355C FICHE 00355-90039 NOV78 00355-90038 FEB79 00355-90039* 8L 01 04 01 USE 355C FICHE 00355-90046 AUG80 00355-90045 OCT80 00355-90046 8L 01 04 01 W JUL85 MAR85 WN SER 1203A36850 & BELOW.NEW ATTEN DIAL
55D	OPER NOTE OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELO 3550-1	NOV72 00355-90025 DEC72 00355-90026* 01 04 01 USE 355D FICHE 00355-90037 APR77 00355-90036 MAY77 00355-90037* 8L 01 04 01 USE 355D FICHE 00355-90039 NOV78 00355-90038 FEB79 00355-90039* 8L 01 04 01 USE 355D FICHE 00355-90046 AUG80 00355-90045 OCT80 00355-90046 8L 01 04 01 JUL85 MAR85 WN SER 1204A39325 & BELOW.NEW ATTEN DIAL
55E	OPER NOTE OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	NOV72 00355-90025 DEC72 C0355-90026* 01 04 01 USE 355E FICHE 00355-90037 APR77 00355-90036 MAY77 00355-90037* 8L 01 04 01 USE 355E FICHE 00355-90039 NOV78 00355-90038 FEB79 00355-90039* 8L 01 04 01 USE 355E FICHE 00355-90046 AUG80 00355-90045 OCT80 00355-90046 8L 01 04 01
55 F	OPER NOTE OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	NOV72 00355-90025 DEC72 00355-90026* 01 04 01 USE 355F FICHE 00355-90037 APR77 00355-90036 MAY77 00355-90037* 8L 01 04 01 USE 355F FICHE 00355-90039 NOV78 00355-90038 FEB79 00355-90039* 8L 01 04 01 USE 355F FICHE 00355-90046 AUG80 00355-90045 OCT80 00355-90046 8L 01 04 01
550A	OPER & SERV MAN MAN CHANGE	MAR67 03550-90002 APR75 03550-90052 01 09 02 APR69 03550-90002
550A/B	SERV NOTE SET BELO 3550A/B-1 3550A/B-2	OCT78 JUL71 WO 3550A/B SER BELOW 0964A01765.ADDITIONAL SUPPORT FOR CARRYING STRAP JUL77 WA 3550A-ALL SER.3550B-PRE829 & BELOW.REPLACEMENT CASE POWER CORD COMPATIBILITY
5508	OPER MAN MAN CHANGE	FEB73 03550-90005 NOV82 03550-90055 8L 01 A1 01 DEC78 03550-90005
551A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELO	OCT75 03551-90001 DEC75 03551-90051* 8L 01 09 03 USE 3551A FICHE 03551-90053 MAR77 03551-90003 OCT78 03551-90053* 8L 01 09 04 USE 3551A FICHE 5957-4422 JUL83 03551-90004 SEP83 5957-4422 8L 01 38 04 OCT81
	3551A-0 3551/52A-1 3551A-2/3552A-2 3551A/3552A-3 3551A/3552A-4 3551A-5A 3551A-6 3551A-6 3551A-7A 3551A-8 3551A-9B 3551A-10 3551A-11A 3551A-11A 3551A-13 3551A-13	JUL81 WN ALL SER.SERV NOTE INDEX MAY75 NEW STYLE A3 BOARD AUG75 WA 3551A SER BELOW 1425A00355.3552A SER BELOW 1435A00140.MOD TO RED SUSCEPT TO RFI DEC75 WA MOD TO IMPR PERFORMANCE JUL76 3551A SER BELOW 1550A01406.3552A SER BELOW 1125A00231.IMPR PERF MOD.SUPER 3551A/2A-3 JUL77 WO ALL SER.RPLCMT PT NOS FOR LED DISPLAY JUL77 WO SER 1550A02475 & BELOW.POWER SUPPLY FUSE CHANGE NOV79 WO SERIES 1550A01705 & BELOW.POWER SUPPLY ASSEMBLY & POWER TRANSFORMER CHANGE JUL77 WA SER 1550A02525 & BELOW.LINEAR AMP CHANGE MAR80 SER 1550A04325 & BELOW.REC A3 INPUT AMP ASSY, FRONT PNL & SUBPNL REPL. HAY78 WA ALL SER.MOD TO PREVENT INTERMITTENT TIME BASE PROBLEMS JAN80 WA SER 1550A05665 & BELOW.PREF WECO 310 JACK REPL APR80 WA SAFETY.SER 1550A05921 THRU 1550A06220.POSS INCORRECT PWR LINE FUSE RATING APR80 WA ALL SER.+12 VOLT REGULATOR REPL INSTRUCTIONS JUN81 WO SER 1550A08320 & BELOW.CURE FOR AUTO RANGING PROB IN HI FREQ & HI LEVEL APPLICATIONS

JAN82 03540-90061 8L 01 11 01

OCT78
TECH SPEC OF NEW WIDEBAND FM ELECTRONICS FOR 3950 + 3955 ANALOG TAPE SYSTEMS

3540B

11/08/85

3541A/3544A

OPER & SERV MAN

3541A/3544A-1

SERV NOTE SET BELOW

AUG73 03540-90011

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MODEL NUMBER

MODEL 0 LITERATURE FICHE FICHE PART M P D P DATE NUMBER L T V G H/C PART H/C DATE NUMBER NUMBER TYPE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DEC76 03552-90056* 8L 01 09 03 USE 3552A FICHE 03552-90058 3552A OPER & SERV MAN JAN76 03552-90002 OPER & SERV MAN APR77 03552-90058* 8L 01 09 04 USE 3552A FICHE 03552-90059 FEB7? 03552-90003 OPER & SERV MAN DEC77 03552-90004 JUN82 03552-90059 8L 01 14 04 MAN CHANGE JUL81 03552-90004 SERV NOTE SET BELOW JUL80 3551/52A-1 HAY75 NEW STYLE AS BOARD

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3551A-12-S	APR80 WA	SAFETY-SER 1550A	05921 THRU 1550A	06220.POSS INCORRECT	PUR LINE FUS	E PATTING
3551A-13		ALL SER.+12 VOLT				
3551A-14	JUN81 WO) SER 1550A08320 &	BELOW.CURE FOR	AUTO RANGING PROB IN	HI FREQ & HI	LEVEL APPLICATIONS

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 147 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3552A	OPER & SERV MAN	JAN76 03552-90002 DEC76 03552-90056* 8L 01 09 03 USE 3552A FICHE 03552-90058
	OPER & SERV MAN OPER & SERV MAN	FEB77 03552-90003 APR77 03552-90058* 8L 01 09 04 USE 3552A FICHE 03552-90059 DEC77 03552-90004 JUN82 03552-90059 8L 01 14 04
	MAN CHANGE	JUL81 03552-90004
	SERV NOTE SET BELOW 3551/52A-1	MAY75 NEW STYLE A3 BOARD
	3551A-2/3552A-2	AUG75 WA 3551A SER BELOW 1425A00355.3552A SER BELOW 1435A00140.MOD TO RED SUSCEPT TO RFI
	3551A/3552A+3 3551A/3552A+4	DEC75 WA MOD TO IMPR PERFORMANCE JUL76 3551A SER BELOW 1550A01406.3552A SER BELOW 1125A00231.IMPR PERF MOD.SUPER 3551A/2A-3
	3552A-5	JUL77 WO SER 1604A00260 & BELOW. POWER SUPPLY ASSEMBLY & POWER TRANSFORMER CHANGE
	3552A-6 3552A-U-4	JUL77 WO ALL SER.PWR SUPLY FUSE CHANGE SEP76 SER BELOW -00300.IMPR PERF MOD.GOES WITH 3551A-4/3552A-4
	3552A-U-100	JUN76 WN SER 1615U-00290 + UP.ELIM OF ATTEN LOCKING MECHANISM
	3552A-U-101 3552A-U-102	DEC76 WO SER BELOW 1635U-00440.REC REPL FOR POWER TRANSFORMER DEC76 WO SER BELOW 1635U-00440.REC REPL FOR POWER SUPPLY ASSEMBLY (A5)
	3552A+U-103	NOV77 WO ALL SER.REPL P/NS FOR LED DISPLAYS
	3552A-U-6 3552A-U-T	JUL78 WO SER 1733U-00745.REC PWR SUPPLY FUSE CHANGE Jun78 wa all ser.mod to prevent intermittent time base problems
555A	OPER & SERV MAN	OCT70 03555-90003 NOV70 03555-90053 01 09 02
	SERV NOTE SET BELOW 3555A-1	DEC68 NO C-MSG FILTER RESPONSE AT 4KHZ
555B	OPER & SERV MAN	JUN76 03555-90008 DEC76 03555-90058 8L 01 09 02
	SERV NOTE SET BELOW	용장으로 하는 발으로 하는 것이 있다. 경우는 JAN83는 일반이 만들어를 통증한 하는데 하는데 말로 하는데 하는 점점이 하는데 하는데 되는데 하는데 말로 하는데 하는데 말로 모
	3555B-1 3555B-2E	MAR70 WO RECOMMENDED REPLACEMENT FOR A3922 APR80 WA SER 0992A06760 & BELOW.IMPROVED PWR SUPPLY REL
	3555B-3	AUG80 WA APPROX SER 0992A06150 TO 0992A06950. FRONT COVER HOD TO TURN INSTR OFF WHEN COVER IS
	CONTD 35558-4	INSTALLED JUN81 WO ALL SER.TRBLSHTNG PROC TO TEST INTERMITTENT METER CIRC
	3555B-5	SEP82 WN SER 0992A03536 & BELOW.IMPROVE PWR SUPPLY
3556A	OPER & SERV MAN	AUG73 03556-90000 MAY82 03556-90050 8L 01 09 02
	MAN CHANGE UK SERV NOTE SET BELOW	APR81 03556-90000 APR79
	3556A-U-1000	OCT74 WN SER BELOW 1348U-012800.REED RELAYS A3 K2/K3
	3556A-U-1001 3556A-U-1002	OCT75 WO SER BELOW 1348U01725.REPL PN FOR AMR1,2,3,+ 7 AUG76 WA SER BELOW 1348U01785.MOD TO ELIM ON-SCALE READ ON LO FOUR RANGES WITH NO INPT APPLYD
	3556A-U-1003A	APR78 WO SER BELOW 1547U.NEW BATTERY MOD
35601A	OPER & SERV MAN	OCT81 35601-90000 DEC81 35601-90050* 8L 01 09 03 USE 35601A FICHE 35601-90051
	OPER & SERV MAN	SEP82 35601-90001 JUN83 35601-90051 8L 01 A1 03
3561A	OPER MAN	MAR84 03561-90001 AUG84 03561-90051 BL 01 A1 03
	SERV MAN Install Note	APR84 03561-90010 MAY84 03561-90060 8L 01 A1 09 DEC84 03561-90020 FEB85 03561-90220 8L 01 A1 01
	SERV NOTE SET BELOW	[인터 : [18] [18] [18] [18] [18] [18] [18] [18]
	3561A-1 3561A-2	OCT84 WO ALL SER.OPT 001 BUBBLE MEMORY-NEW BUBBLE MOD PACK OCT84 WA ALL SER.MOD TO PREV HORIZ LINES BEING DSPLY DURN MARKER OPER
	3561A-3	DEC84 WN SER 2338A01000 & ABOVE.12 ROMS REPLACE 24 EPROMS ON A40 PROCESSOR ASSY
	3561A-4 3561A-5	FEB85 WO HOW TO PROP IDENTIF CURRENT SENSING INDUCTOR A70T600 FEB85 WA SER 2338A01370 & BELOW.MOD TO REV C A50 ASSY TO MAKE BUILT-IN DIAGN TEST ROUTINES
	CONT'D	150,151, & 152 OPERABLE
	3561A-6	FEB85 WO ALL SER.OPT OO1 BUBBLE MEMORY MOD PKG

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3561A	3561A-7 3561A-8		WC ALL SER.OPT 001 BUBBLE MEMORY MOD TO PREV ERROR RETURN CODE -15 WA SER 2338A01928 & BELOW.NEW PWR SWICH WITHSTANDS GREATER SURGE CU	
3562A	OPER NOTE	FEB85	03562-90031 APR85 03562-90231 8L 01 A1 01	
35677A	SERV MAN	DEC83	35677-90010 AUG84 35677-90060 8L 01 A1 02	
35677A/B	SERV NOTE SET BELOW		OCT85	

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561A	3561A-7 3561A-8	FEB85 WG ALL SER.OPT 001 BUBBLE MEMORY MOD TO PREV ERROR RETURN CODE -15 29989 00368342 JUL85 WA SER 2338A01928 & BELOW.NEW PWR SWICH WITHSTANDS GREATER SURGE CURRENT
562A	OPER NOTE	FEB85 03562-90031 APR85 03562-90231 8L 01 A1 01
5677A	SERV MAN	DEC83 35677-90010 AUG84 35677-90060 8L 01 A1 02
5677A/B	SERV NOTE SET BELOW 35677A/B-1 CONT'D 35677-2 CONT'D	OCT85 MAR84 WA 35677A:SER 2331A00101,00107,00114;35677B:SER 2332A00101 THRU 00014.DC DIAS CABLE CON CHANGE JUL85 WA 35677A:SER 2331A00868 & BELOW;35677B:SER 2332A00300 & BELOW.SHORT SCREWS ON THE DIRECTIONAL BRIDGES
5677B	SERV MAN	DEC83 35677-90010 AUG84 35677-90060 BL 01 A1 02
5678A	OPER NOTE	DEC84 35678-90021 FE885 35678-90221 8L 01 A1 01
5678B	OPER NOTE	DEC84 35678-90021 FEB85 35678-90221 8L 01 A1 01
5679A	OPER NOTE	DEC84 35679-90021 FEB85 35679-90221 8L 01 A1 01
5679B	OPER NOTE	DEC84 35679-90021 FEB85 35679-90221 8L 01 A1 01
570A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3570A-1 3570A-2A 3570A-3A 3570A-4A 3570A-6A 3570A-6A 3570A-7A 3570A-10 3570A-11 3570A-12 3570A-13 3470A-14	AUG77 03570-90014 AUG77 03570-90052* 8L 01 09 04 USE 3570A FICHE 03570-90065 JUN81 03570-90015 JUN81 03570-90065 8L 01 09 04 APR82 NOV73 WN SER BELOW 1251A00245.IMPR TEMP STABILITY BOARD KIT JAN77 WN ALL SER.NEW 03570-86555 106 AMPLFR/3570-66558 OUTPT BUFFER BRDS + ADJ PROC JAN77 WN ALL SER.REPL PARTS CHANGES JAN77 WN ALL SER.REPL PARTS CHANGES JAN77 WN ALL SER.REPL PN FOR LED DISPLAYS FEB76 WN ALL SER.REPL PN FOR LED DISPLAYS FEB76 WA SER 1331A00386 TO 1331A00670.AIR CAPACITOR FAILURE NOV79 WO SER 1331A01455 & BELOW.MOD TO PREVENT ERRONEOUS PHASE READINGS NOV79 WO SER 1331A01331 & BELOW.MOD TO IMPROVE PERF DURING HP-IB OPERATION MAR80 WO SER 1331A01615 & BELOW.MOD TO IMPROVE PERF DURING HP-IB OPER MAR80 WO SER 1331A01595 & BELOW.MOD TO IMPROVE LOW AMP PHASE MEASUREMENTS JUN80 WN ALL SER.TRBLSHTNG TIPS FOR SWEEP PROBLEMS IN SYST APPLICATIONS SEP81 WN ALL SER.RECAL OF PHASE VS FREQ AFTER REPAIR JAN82 WN SER 1331A02076 & GREATER.NEW PREF REPL A14 PHASE DETECT BD
	OPER & SERV MAN MAN CHANGE OPER & SERV MAN SERV NOTE SET BELOW 3571A-1 3571A-2 3571A-3A 3571A-4	MAR77 03571-90012 JAN83 03571-90090 8L 01 09 06 NOV82 03571-90012 APR75 03571-90000 JAN76 03571-90090* 8L 01 09 06 USE REVISED MAN FICHE 03571-90090 APR81 JUN80 WN ALL SER.TRBLSHTNG TIPS FOR SWEEP PROBLEMS IN SYST APPLICATIONS NOV79 WN SER TO 1435A0680.TWO MOD TO ELIM HP-IB PROBLEMS JAN81 WO SER 1435A00100 TO 1435A00560.REC MOD TO ELIM 40 MHZ OSC FM +5 VDC SUPPLY NOV79 WA SER 1435A00620 & BELOW.PREV OSC ON A6-U2 MIXER LOWERS HARMONIC & INTERMOD DISTURTION
575A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3575A-1	JUN76 03575-90002 JAN78 03575-90053 8L 01 09 03 AUG77 03575-90002 JAN80 FEB74 WN TRBLSHTG PROC FOR DIG PANEL METER HP P/N 5060-9132 (FOLD-UP STYLE)

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3575A	3575A-2 3403C-4/3469B-5/ 3575A-3	NOV74 WO PN 5060-9131/32/33.REPL PN FOR LED DISPLAY APR75 WO DIGITAL PANEL METER REPAIRS
	3575A-AB 3575A-5A 3576A-6 CONT'D	DEC77 WN ALL SER.PANEL METER IDENTIFICATION DEC77 WN ALL SER.PANEL METER + INTERCONNECT BOARDS IDENT FOR INTERCHANGEABILITY FEB76 WN SER 1450A01368 TO 01370,1450A01372 TO 01374,1450A01376/01383/01390 TO 01393 + 1450A01395.INSTRUMENTS WITH INCORREC PN ON A168 + A16C BOARDS
3577A	CPER MAN SERV MAN	MOV83 03577-90000 AUG84 03577-90050 BL 01 A1 03 DEC83 03577-90010 AUG84 03577-90060 BL 01 A1 06

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3575A		NOV74 WO PN 5060-9131/32/33.REPL PN FOR LED DISPLAY APR75 WO DIGITAL PANEL METER REPAIRS
	3575A-4B 3575A-5A	DEC77 WN ALL SER.PANEL METER IDENTIFICATION DEC77 WN ALL SER.PANEL METER + INTERCONNECT BOARDS IDENT FOR INTERCHANGEABILITY FEB76 WN SER 1450A01368 TO 01370,1450A01372 TO 01374,1450A01376/01383/01390 TO 01393 + 1450A01395.INSTRUMENTS WITH INCOMMEC PN ON A16B + A16C BOARDS
3577A	SERV MAN Install man	MOV83 03577-90000 AUG84 03577-90050 8L 01 A1 03 DEC83 03577-90010 AUG84 03577-90060 8L 01 A1 06 MAR85 03577-90021 MAY85 03577-90221 8L 01 A1 01
	3577A-2 3577A-3 3577A-4 CONT'D	OCT85 JAN84 WN SER 2333A10335 & ABOVE.HOW TO CORREC EXTRNAL REF DETECTION PROB MAR84 WO SER 2333A10150 & BELOW.SOURCE OUTPUT AMPLF ADJ RNGE MOD MAR84 WO SER 2333A01223 & BELOW.REV A A8 CUTPUT ATTENUATOR REPR SEP84 WO SER 2333A10908 & BELOW.EPROMS ON A13, MAIN PROC TO BE DISCONTIN IN FAVOR OF MASKED ROMS MAY85 WA SER 2333A11392 & BELOW.NEW 5 VOLT CONNEC
		NOV85 WA SER 2333A10250 TO 2333A10600.MOD TO ELIM HP-IB LOCK-UP PROB
3580A	OPER & SERV MAN INSTALL NOTE OPER NOTE OPER NOTE SERV NOTE SET BELOW	
	3580A-2/3581A/C-1 3581A/C-2/3580A-3 3580A-4 3580A-5A 3580A-6 3580A-7 3580A-8 3580A-9 3580A-9	MAR75 WA SER BELOW 1409A00515.IMPR HV PWR SUPY DEC75 WN SER BELOW 1415A01414,3580A-OPT 002 SER BELOW 1415A01215, NEW OVERLOAD SPECS DEC75 HO SER BELOW 1415A00975.REPR OF LOGSE OR BROKEN CARRYING HANDLES JAN76 WN MODIFICATION TO REDUCE REPAIR COSTS AUG77 WN ALL SER.MOD TO IMPROVE FOOT OF 10361A CAMERA ADAPTER ON 3580A OCT77 WO SER 1415A02091 & UP.A2 VTO & TRACKING OSC NOISE PROBLEMS OCT77 WN ALL SER.PROC FOR INSTAL A2/A5 XTALS SEP80 WA SER 1415A03440 & BELOW.REC LOW VOLTAGE PWR SUPP MOD TO IMPR PERF APR81 WN SER 1415A04280 & BELOW.RETROFTNG NEW FREQ CONTROL MODULE TO OLDER INSTR JUN82 WN ALL SER.INSTRUC TO ORDER REPL A2 LOCAL OSCILLATOR & A16 COMBINING BD JAN84 WN ALL SER.AMPLT REF LEVEL & INPUT SENSI CNTRL RESTRING JAN84 WN SER 2030A06029 & BELOW.MOD 0358G-6513 REV A & REV B COMP
3581A	OPER & SERV MAN REV PAGES NO 2 MAN CHANGE OPER MAN OPER NOTE	FEB75 03581-90012 SEP83 03581-90090 8L 01 A1 03 SEP81 03581-90012 AUG83 03581-90012 DEC84 03581-90020 NOV85 03581-90220 8L 01 A1 01 DEC84 03580-90021 FEB35 03580-90221 8L 01 A1 01
3581A/C	SERV NOTE SET BELOW 3580A-2/3581A/C-1 3581A/C-2/3580A-3 3581A/C-3 03581A/C-4 3581A/C-5 CONT'D 3581A/C-6 CONTD 3581A/C-7	경기 가입하다 보이 많아요. 이 하겠는데 사람들이 되었다. 그는 말을 하다. 소리는 이 그는 이 이번 사람들이 되는데 하는데 살아 없다. 그는 그는 나는 것은 사람들이 없다.

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3747A	OPER MAN
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3581A/C	3581A-8 CONT'D	SEP81 WN 3581A:SER 1351A01391 TO 1351A02035;3581C:SER 1411A00176 TO 2114A01495.REC PROC FOR REPL BANDWIDTH SWITCH (S2) ON REV A BD
	3581A/C-8 CONT'D	JUN82 WN 3581A:SER 1352A02090 & BELOW; 3581C:SER 2114A01525 & BELOW. INSTRUC FOR ORDER REPL OF A2 & A16
	3581A/C-9 CONT'D	DEC83 WN 3581A:SER 1352A02090 & BELOW;3581C:SER 2114A01525 & BELOW.REC REPL OF A2 LOCAL OSCIL & A16 COMBING BD
	3581A/C-10A CONT'D	DEC83 WA 3581A:SER 1351A02699 & BELOW;3581C:SER2114A01834 & BELOW.MOD TO PREV DIGITAL DISPLA FAILURES
	3580A-11/3581A/C-11	JAN84 WN ALL SER.AMPLT REF LEVEL & INPUT SENSI CNTRL RESTRING
3581C	OPER & SERV MAN	FEB75 03581-90012 SEP83 03581-90090 8L 01 A1 03

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3581A/C	3581A-8 CONT'D 3581A/C-8 CONT'D 3581A/C-9 CONT'D 3581A/C-10A CONT'D 3580A-11/3581A/C-11	SEP81 WN 3581A:SER 1351A01391 TO 1351A02035;3581C:SER 1411A00176 TO 2114A01495.REC PROC FOR REPL BANDWIDTH SWITCH (S2) ON REV A BD JUN82 WN 3581A:SER 1352A02090 & BELOW;3581C:SER 2114A01525 & BELOW.INSTRUC FOR ORDER REPL OF A2 & A16 DEC83 WN 3581A:SER 1352A02090 & BELOW;3581C:SER 2114A01525 & BELOW.REC REPL OF A2 LOCAL OSCIL & A16 COMBING BD DEC83 WA 3581A:SER 1351A02699 & BELOW;3581C:SER2114A01834 & BELOW.MOD TO PREV DIGITAL DISPLA FAILURES JAN84 WN ALL SER.AMPLT REF LEVEL & INPUT SENSI CNTRL RESTRING
3581¢	OPER & SERV MAN REV PAGES NO 2 MAN CHANGE OPER NOTE	FEB75 03581-90012 SEP83 03581-9009G 8L 01 A1 03 SEP81 03581-90012 AUG83 03581-90012 DEC84 03580-90021 FEB85 03580-90221 8L 01 A1 01
3582A	OPER MAN SERV MAN OPER MAN MAN CHANGE OPER MAN OPER NOTE INSTALL NOTE OPER NOTE INSTALL MAN INSTALL NOTE SERV NOTE SET BELOW 3582A-1 3582A-2 3582A-3 3582A-6 3582A-7 3582A-6 3582A-7 3582A-10B 3582A-11 3582A-11	MAR78 03582-90000 JUN78 03582-90050* 8L 01 G7 03 USE 3582A FICHE 03582-90053 SEP79 03582-90001 DEC79 03582-90051* 8L 01 09 07 USE 3582A FICHE 03582-90054 JUN79 03582-90003 NOV79 03582-90053* 8L 01 09 03 USE 3582A FICHE 03582-90055 FEB81 03582-90004 AUG82 03582-90054 8L 01 A1 07 JUN82 03582-90004 AUG82 03582-90055 8L 01 09 04 DEC84 03582-90005 MAY81 03582-90056 8L 01 A1 01 DEC84 03582-90010 FEB85 03582-90210 8L 01 A1 01 DEC84 03582-90011 FEB85 03582-90210 8L 01 A1 01 DEC84 03582-90011 FEB85 03582-90212 8L 01 A1 01 DEC84 03582-90013 FEB85 03582-90212 8L 01 A1 01 DEC84 03582-90013 FEB85 03582-90213 8L 01 A1 01 DEC84 03582-90010 FEB85 03582-90213 8L 01 A1 D1 DEC86 03582-90010 FEB85 03582-90210 FEB80 00 A1 D1 FEB80 00 A1
3585A	OPER MAN OPER & SERV MAN OPER MAN SERV MAN MAN CHANGE A INSTALL NOTE OPER NOTE OPER NOTE SERV NOTE SET DELOW 3585A-1 3585A-2B 3585A-3 3585A-4 3585A-5 3585A-6A	JUN78 03585-90000 MAR79 03585-90050* 8L 01 09 06 USE 3585A FICHE 03585-90053 SEP79 03585-90001 FEB80 03585-90051* 8L 01 09 16 USE 3585A FICHE 03585-90056 FEB79 03585-90003 MAY79 03585-90053 8L 01 09 06 AUG81 03585-90006 SEP82 03585-90056 &L 01 09 16 VOLS I, II, & III JUL82 03585-90006 JAN85 03585-90000 APR85 03585-90220 &L 01 A1 01 DEC84 03585-90010 FEB85 03585-90210 &L 01 A1 01 DEC84 03585-90011 FEB85 03585-90211 &L 01 A1 01 JUL84 JAN79 WA SER BELOW 1750A00230.INPUT/CONVERSION ASSY RUST PROBLEM CORRECTION. APR82 WO ALL SER.A1 BD REPL PROC FOR RELAY A1K1 TO K9 & A1K11 TO K14 MAR80 WO SER 1750A00570 & BELOW.MOD TO IMPROVE 75 OHM INPUT RETURN LOSS OCT80 WN SER 1750A00740 & BELOW.MOD TO IMPROVE 75 OHM INPUT RETURN LOSS FEB81 WO SER 1750A00716 & ABOVE.NEW REV A51 PHASE DET BD MAT IMPROVES PERF SEP81 WN ALL SER.NOTIF OF AVAIL OF F.S.K. (03585-69900)

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	CONT'D 3747A/B-14
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	3747A/B-18A
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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 15 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3585A	3585A-7 3585A-8	SEP81 WN ALL SER.NOTIF OF AVAIL OF SERV KIT 03585-69800 FOR 3585A SPECTRUM ANALYZER JAN84 WN ALL SER.IMPR INTERMODULN DIST PERF TEST
3586A	OPER & SERV MAN SERV MAN SERV MAN OPER MAN OPER MAN INSTALL NOTE INSTALL NOTE OPER NOTE INSTALL NOTE OPER NOTE	FEB80 03586-90000 FEB80 03586-90050* &L 01 09 03 USE 3586A FICHE 03586-90051/61 DEC80 03586-90001 NOV81 03586-90051* &L 01 09 08 USE 3586A FICHE 03586-90052 MAY83 03586-90002 JUN83 03586-90052 &L 01 A1 09 NOV82 03586-90061* &L 01 A1 03 USE 3586A FICHE 03586-90062 APR83 03586-90012 JUL83 03586-90062 &L 01 A1 02 DEC84 03586-90015 FEB85 03586-90215 &L 01 A1 01 DEC84 03586-90016 FEB85 03586-90216 &L 01 A1 01 DEC84 03586-90018 FEB85 03586-90217 &L 01 A1 01 DEC84 03586-90018 FEB85 03586-90218 &L 01 A1 01 DEC84 03586-90019 FEB85 03586-90219 &L 01 A1 01
3586A/B/C	SERV NOTE SET BELO 3586A/B/C-0 3586A/B/C-1 3586A/B/C-2B CONT'D 3586A/B/C-4 3586A/B/C-5 CONT'D 3586A/B/C-6A 3586A/B/C-7 3586A/B/C-8 CONT'D 3586A/B/C-8 CONT'D 3586A/B/C-9 3586A/B/C-10A	JUL84 JUL81 WN ALL SER.SERV NOTE INDEX DEC80 WO ALL SER.INTERPRET INTERMITT FAILURE OF SELF TEST STEP 3-2 OCT81 WN 3586A:SER 1927A00231 & BELOW;3586B:SER 1928A00284 & BELOW;3586C:SER 1929A00195 & BELOW.RETROFIT FOR REV B SOFTWARE FEB81 WN ALL SER.INTERPRETING AUTO-CAL & SELF-TEST FAILURE CODES FEB81 WO ALL SER.INTERPRETING INTERMITTENT "ER8" DISPLAYS FEB81 WA 3586A:SER 1927A00256 & BELOW;3586B:SER 1928A00306 & BELOW;3586A:1929A00206 & BELOW. MOD TO CURE INTERMITTENT DIG PROBLEMS JUL81 WO ALL SER.HP-IB VERIF PROG LISTING (9825) JUL81 WA ALL SER.IMPR 3586A/B/C-9815S DESKTOP COMP HP-IB COMPATIBILITY JUL81 WA ALL SER.MOD TO ELIM PERIODIC SIG DROPOUTS OR NOISE "HITS" CAUSED BY 3566'S AUTO CALIB FEATURE SEP82 WN FIELD REPL KITS FOR ASO STEP LOOP & A51 SUMMATION LOOP ASSY FEB84 WN ALL SER.PART NUMBER 03586-68701 SERV SPARE PARTS KIT
3586B	OPER & SERV MAN SERV MAN SERV MAN OPER MAN OPER MAN INSTALL NOTE INSTALL NOTE OPER NOTE INSTALL NOTE	FEB80 03586-90000 FEB80 03586-90050* 8L 01 09 03 USE 3586A FICHE 03586-90051/61 Nov81 03586-90051* 8L 01 09 08 USE 3586A FICHE 03586-90052 MAY83 03586-90002 JUN83 03586-90052 8L 01 A1 09 0CT80 03586-90011 Nov82 03586-90061* 8L 01 A1 03 USE 3586B FICHE 03586-90062 APR83 03586-90012 JUL83 03586-90062 8L 01 A1 02 DEC84 03586-90015 FEB85 03586-90215 8L 01 A1 01 DEC84 03586-90016 F2B85 03586-90216 8L 01 A1 01 DEC84 03586-90017 FEB85 03586-90217 8L 01 A1 01 DEC84 03586-90018 FEB85 03586-90218 8L 01 A1 01 DEC84 03586-90018 FEB85 03586-90219 8L 01 A1 01 DEC84 03586-90019 FEB85 03586-90219 8L 01 A1 01
3586B-C01	OPER MAN MODIF SERV MAN MODIF	APR85 03586-90043
3586C	GPER & SERV MAN SERV MAN SERV MAN OPER MAN OPER MAN INSTALL NOTE INSTALL NOTE OPER NOTE INSTALL NOTE OPER NOTE	FEB80 03586-90000 FEB80 03,586-90050* 8L 01 09 03 USE 3586A FICHE 03586-90051/61 DEC80 03586-90001 NOV81 03186-90051* 8L 01 09 08 USE 3586A FICHE 03586-90052 JUN83 03586-90052 8L 07 A1 09 0CT80 03586-90011 NOV82 03586-90061* 8L 01 A1 03 USE 3586C FICHE 03586-90062 APR83 03586-90012 JUL83 03586-90062 8L 01 A1 02 USE 3586C FICHE 03586-90062 DEC84 03586-90015 FEB85 03586-90215 8L 01 A1 01 DEC84 03586-90016 FEB85 03586-90216 8L 01 A1 01 DEC84 03586-90018 FEB85 03586-90217 8L 01 A1 01 DEC84 03586-90018 FEB85 03586-90218 8L 01 A1 01 DEC84 03586-90019 FEB85 03586-90219 8L 01 A1 01

11/08 MOD NUM

3755A

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	INSTALL NOTE	DEC84 03586-90018	FEB85 03586-90218 8L 01 A1 01
	OPER NOTE	DEC84 03586-90019	FEB85 03586-90219 8L 01 A1 01
3586B-001	OPER MAN MODIF	APR85 03586-90043	JUN85 03586-90243 8L 01 A1 01
	SERV MAN MODIF	MAY85 03586-90044	JUNG5 (\3586-90244 8L 01 A1 01
3586C	OPER & SERV MAN SERV MAN OPER MAN OPER MAN INSTALL NOTE INSTALL NOTE OPER NOTE INSTALL NOTE OPER NOTE	FEB80 03586-90000 DEC80 03586-90001 MAY83 03586-90002 OCT80 03586-90011 APR83 03586-90012 DEC84 03586-90015 DEC84 03586-90016 DEC84 03586-90017 DEC84 03586-90018 DEC84 03586-90019	FEB80 03.786-90050* 8L 01 09 03 USE 3586A FICHE 03586-90051/61 NOV81 03!'86-90051* 8L 01 09 08 USE 3586A FICHE 03586-90052 JUN83 03586-90052 8L 01 A1 09 NOV82 03586-90061* 8L 01 A1 03 USE 3586C FICHE 03586-90062 JUL83 03586-90062 8L 01 A1 02 FEB85 03586-90215 8L 01 A1 01 FEB85 03586-90216 8L 01 A1 01 FEB85 03586-90217 &L 01 A1 01 FEB85 03586-90218 8L 01 A1 01 FEB85 03586-90218 8L 01 A1 01 FEB85 03586-90219 8L 01 A1 01

PAGE 137	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	NUMBER	FICHE FICH
RIPTION ***				*** DESCRIPTION	N *** DESCRI
	3590A	OPER & SERV MAN MAN CHANGE		03590-90001 03590-90001	SEP77 03590-
		SERV MOTE SET BELOW 3590A-1 3590A/91A-2 3590A/91A-3A	DEC69	WA SER BELOW 82 WO LAMP REPLACE WA 3590A SER 82	MENT 25,954.3591A
10DEL 3461A		CONT!D 3590A-4	APR76	WO SER BELOW 11	041A00245.MOI 12A01085.REPI
	3591A	OPER & SERV MAN MAN CHANGE		03591-90001 03591-90001	APR78 03591-
		SERV MOTE SET BELOW 3590A/91A-3A CONT'D 3591A-4		WA 3590A SER 82 0977A00535 WO SER BELOW 11	& 3591A SER
	3592A	OPER NOTE		03592-90000	AUG81 03592-
	3593A	OPER & SERV MAN Man Change	20.00	03593-90002 03593-90002	SEP77 03593-
	3594A	OPER & SERV MAN Man Change		03593-90002 03593-90002	SEP77 03593
A REEDS ON A21		SERV NOTE SET BELOW 3594A-1		WO SER BELOW 12	OCT78 20A01370 & AF
OELIM THERMAL	35954	OPER & SERV MAN Man Change	MAR70	03595-90000 03595-90000	OCT84 03595-
	3604A	PREL CT & SERV MAN	FEB67	03604-90000 03604-90000	JAN82 03604-
	362A	OPER NOTE	MAR81	00362-90010	JUN81 00362-
	3681A	SERV NOTE SET BELOW 3681A-1A	FEB68	MOD OF ANALO	OCT78 OG TAPE TRANSF
	3761A	OPER & SERV MAN Man Change		03701-95000 03701-95000	JAN74 03701-
		SYSTEM OPER INSTR SERV NOTE SET BELOW		03702-95001	APR85 03702- MAY78
		3701A-1 3701A-2 3701A-3		PREF REPL FO	PLACEMENTS FO R A995/6/10 105-00151.MOD
		3701A-4 3701A-5	MAY68 OCT68	WO SER BELOW US WA SER BELOW US	05-00151.MOD 30MOD TO PI
ISE 82033A		3701A-6 3701A-7A/3702A-12/ 3703A-2A	JUL69	WA MOD TO ELIM WN INSTAL OF OP	T 05 + 06.(FC
		3701A-8 3701A-9/3702A-14 3701A-10	MAY70	WO SER BELOW US WN SER BELOW US WO SER BELOW US	62-00741.FIEL
		3701A-11 3701A-12	AUG70	WN SER BELOW US	62-00771.MOD E
		3701A-13	NOV73	WO ALL SER.PREF	REPL FOR A1

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CHE PART M P D P
NUMBER L T V G
IPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
0-90051 8L 01 09 03
TO REMOVE 1.28 MHZ FROM X-AXIS OUTPUTS
SER 833 + 956.MOD TO IMPR BFO SUMMING ERROR.3590 SER BELOW O
OD TO IMPR Y-AXIS LINEAR OUTPT DAMPING
PL OF RESISTORS ON A20 POWER SUPPLY ASSEMBLY
I-90051 8L 01 09 03
SER 833 + 956.MOD TO IMPR BFO SUMMING ERROR.3590 SER BELOW
BELOW 1041A00245. MOD TO IMPR Y-AXIS LINEAR OUTPUT DAMPING
PL OF RESISTORS ON AZO POWER ASSEMBLY
2-90050 8L U1 09 01
3-90052 8L 01 09 02
3-90052 8L 01 09 02
ABOVE 1220A01450.A5 HEATER CONTROL CIRC MOD
5-90050 8L 01 09 02
4-90050 8L 01 11 01
2-90011 8L 01 04 01
SPORTS
-95025
           01 14 07
2-95026 8L 01 14 01
FOR A6Q1
 + A11Q14/15
D TO ENSURE CONSTANT BASEBAND SIGNAL AT BB + SHEEP OUTPUT
D TO RED SWEEP GENERATOR HARMONICS
PROTECT AGAINST LINE-BORNE TRANSIENTS
LITY
FOR TV SUB-CARRIER PHASE + GAIN MEASUREMENTS)
PR PERFORMANCE POTENTIOMETERS
ELD INSTALLATION OF VENTILATING FANS
C REPL FOR POWER SUPPLY RECT DIODES CR2 THROUGH CR13
D TO IMPR IF OUTPUT FLATNESS
2R35
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3760A

3761A

3761A 3762A

37624-3762A-9

3762A-9 37624-

3762A-9

3763A

3763A-3763A-9

3763A-9

3763A-9

3763A-9

SYSTEM OPER INSTR	JANOO 03702-95001 APR85 03702-95026 8L 01 14 01
SERV NOTE SET BELOW	그러워 말했다. 그런데 있는데 가장 (MAY78) 발표 전략하고 있다. 그는 사람들이 있는데 그는데 그렇게 그리고 있다는데 그리고 있다. 그는데 살고 말로 그렇게 되었다. 네란
3701A-1	PREFERRED REPLACEMENTS FOR A6Q1
3701A-2	- PREF REPL FOR A905/6/10 + A11014/15
3701A-3	- SER BELCH U805-00151.MOD TO ENSURE CONSTANT BASEBAND SIGNAL AT BB + SWESP OUTPUT
3701A+4	MAY68 WO SER BELOW U805-00151. MOD TO RED SWEEP GENERATOR HARMONICS
3701A-5	OCT68 WA SER BELOW U839 MOD TO PROTECT AGAINST LINE-BORNE TRANSIENTS
3701A-6	NOV68 WA MOD TO ELIM ALC INSTABILITY
3701A-7A/3702A-12/ 3703A-2A	JUL69 WN INSTAL OF OPT 05 + 06. (FOR TV SUB-CARRIER PHASE + GAIN MEASUREMENTS)
3701A-8	FEB70 NO SER BELOW U942-00661. IMPR PERFORMANCE POTENTIOMETERS
3701A-9/3702A-14	MAY70 WN SER BELOW U962-00741.FIELD INSTALLATION OF VENTILATING FANS
3701A-10	JUL70 WO SER BELOW U974-00801.REC REPL FOR POWER SUPPLY RECT DIODES CR2 THROUGH CR13
3701A-11	AUG70 WN SER BELOW U962-00771.MOD TO IMPR IF OUTPUT FLATNESS
3701A-12	NOT AVAILABLE
3701A-13	NOV73 WO ALL SER. PREF REPL FOR A12R35
요하게 되는 것도. 	이 있다면 하는 물리를 모으면 하다면 하는 말이 많아 가게 되었다. 나는 이 사람들은 그는 나는 사람들은 그는 사람들은 보다는 것이 없었다. 이 사람들이 하는 것이다.
	일본다는 2층 일본 (Pouls)는 "Court ()는 "라고 보고 있는 다른 "라고 "아니라 하는 "라고
	이번 생활하는 하는 사람들은 가장을 보면 하는 것이 되었다. 이 하는 사람이 있는 사람들이 가지 않는 것은 사람들이 가장하는 것이 되었다.

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                             MODEL
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RIPTION ***
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                           3701A
                                          3701A-14
                                                              JUN75 WN CALIB PROC FOR OPT 05/06
                                         3701A-15
                                                              APR76 WO ALL SER. PREF REPL FOR TRANSISTORS
                           3701Z
                                                              JAN71 03701-95001
                                          SERV MAN
                                                                                    DEC75 03701-95026 8L 01 14 03
                                                              JUN75 03701-95001
                                          MAN CHANGE
PROC FOR FULLY
                                          SERV NOTE SET BELOW
                                                                                    OCT78
                                          3701Z-1
                                                                       ALL SER. FIELD REPL FOR FAN. NOT AVAIL
                                          3701Z-2
                                                              JUL73 WA SER BELOW 1145U01451.RED OF DROP IN BB LEVEL FROM BB +SWEEP OUTPT UNDER CERTAIN
                                          CONT'D
                                                                        ENVIORMENTAL CONDITIONS
                                          3701z-3
                                                                       NOT AVAILABLE
                                          3701Z-4
                                                                       NOT AVAILABLE
                                          3701z-5
                                                                       NOT AVAILABLE
                                         3701Z-6
                                                              JAN77 WO SER BELOW 1119U-01176. PREF REPL FOR RECTIFIER ASSEMBLY (A22)
READINGS IN THE
                           3702A
                                         OPER & SERV MAN
                                                                                    SEP85 03702-95025 8L 01 14 04
                                                              SEP70 03702-95000
                                          MAN CHANGE
                                                              JUN73 03702-95000
                                          SYSTEM OPER INSTR
                                                              JAN00 03702-95001
                                                                                    APR85 03702-95026 8L 01 14 01
                                          SERV NOTE SET BELOW
                                                                                    APR79
                                          3702A-1
                                                                       SER U740-00101 TO U740-00109.MOD FOR PROTECTION OF CHANL SWITCHING CIRCUITRY
                                          3702A-2
                                                                       PREFERRED REPLACEMENT FOR A2Q3
                                          3702A-3
                                                                       SER BELOW U750-00120. MOD TO INCREASE IF BANDWIDTH
                                          3702A-4
                                                                       SER BELOW U805-00151. MOD TO INCREASE RETURN LOSS AT BASEBAND INPUT
                                                                       SER BELOW U805-00151. MOD TO IMPROVE GROUP DELAY MEAS CAPABILITY OF YZ CHANNEL
                                          3702A-5/3703A-1
                                                              MAY68 WA SER BELOW U808-00161. MOD TO INCREASE SPECTRUM WIDTH CONTROL RANGE
G SHIELD REMVD
                                          3702A-6
                                          3702A-7
                                                              MAY68 WN SER BELOW U817. MOD TO IMPR CALIB ACCURACY OF Y1 GAIN SENSITIVITY
                                                              OCT68 WA SER BELOW U830. MOD FOR PROTECT AGAINST LINE-BORNE TRANSIENTS
                                          3702A-3
                                          3702A-9
                                                              OCT63 WN SER BELOW U830-00218.MOD TO IMPR MARKER DISPLAY UP TO 100 HZ SWEEP
                                                              FEB70 WA SER BELOW U825. MOD TO ALLOW DIRECT-COUPLED RL MEAS & TO PROVIDE EXT COUNTING OF
                                          3702A-10A
                                          CONT'D
                                                                        MARKER OFFSET FREQ
                                          3702A-11
                                                              FEB69 WN VERIFICATION OF CENTER MARKER FREQ ACCURACY & DEMODULATOR PERFORMANCE
                                          3701A-7A/3702A-12/
                                                              JUN69
                                                                      INSTAL OF OPT 05 & 06. (FOR TV SUBCARRIER PHASE & GAIN MEASUREMENT
                                          3703A-2A
                                          3702A-13
                                                              FEB70 WO SER BELOW U942-00661.SIMPLIFIED A3 SET UP PROCEDURE
                                          3701A-9/3702A-14
                                                              MAY70 WN SER BELOW U962-00749. FIELD INSTALLATION OF VENTILATING FANS
                                          3702A-15
                                                              JUN70 WO SER BELOW U970-00771. IMPR X-PHASE SHIFT POTENTIOMETER
                                                              SEP70 WN SER BELOW U983-00831.MOD TO IMPR MARKER OFFSET STABILITY
                                          3702A-16
                                          3702A-17
                                                              JUL7C WO SER BELOW U973-00801. REC REPL FOR POWER SUPPLY RECT DIOJES CR2 THRU CR13
                                          3702A-24
                                                              OCT78 WO ALL SER.REC REPL OF VARACTOR DIODE A3CR5 (0122-0602).
                                                              OCT78 WO ALL SER. REC REPL OF A3 ASSY IF MIXER & LOCAL OSC.
                                          3702A-25
                           3702B
                                          SERV MAN
                                                              AUG74 03702-95011
                                                                                    JAN76 03702-95036*
                                                                                                          01 14 05 USE 3702B FICHE 03702-95037
                                          SERV MAN
                                                              SEP76 03702-95012
                                                                                    MAY82 03702-95037 8L 01 14 05 SEE TITLE PAGE FOR OPTIONS COVERED
                                                              NOV81 03702-95012
                                          MAN CHANGE
                                                                                    JUN74 03710-95027*
                                          SYSTEM OPER INSTR
                                                              FEB72 03710-95002
                                                                                                          01 14 01 USE 3702B FICHE 03710-95030
                                          SYSTEM SERV MAN
                                                              MAR74 03710-95004
                                                                                    NOV78 03719-95029* 8L 01 14 03 USE 3702B FICHE 03710-95033
                                                              JUN73 03710-95005
                                          OPER INSTRUCT
                                                                                    JUNES 03710-95030 8L 01 14 01
                                                              JUN78 03710-95005
                                          MAN CHANGE
                                          SYSTEM SERV MAN
                                                              SEP79 03710-95008
                                                                                    MAY82 03710-95033 8L 01 14 02
                                          MAN CHANGE
                                                              FEB82 03710-95008
                                          SERV NOTE SET BELOW
                                                                                    OCT85
                                          3702B-0
                                                              NOV84 WN SERVICE NOTE INDEX
                                          3702B-1
                                                              JAN73 WA SER BELOW 1136UGC124. REMOVAL OF CROSSTALK BETWEEN Y & YZ TRACES
                                          3702B-2
                                                              JUL73 WA ALL SER. ELIM OF NOISE IN UPPER TRACE WHEN BB CALIBRATION IS ON
                                          3702B-3
                                                                       ALL SER. PREF REPL FOR A4CR3, CR4/5/6/7
                                                              JAN73
                                          3702B-4
                                                                       SER BELOW 1242U00251. IMPR IN MARKER DISPLAY
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                                           JAN10 U3/U2-93U30* UT 14 U3 USE 3/U2B FICHE U3/U2-9503/
SERV MAN
                    SEP76 03702-95012
                                           MAY82 03702-95037 8L 01 14 05 SEE TITLE PAGE FOR OPTIONS COVERED
MAN CHANGE
                    NOV81 03702-95012
SYSTEM OPER INSTR
                    FEB72 03710-95002
                                                                 01 14 01 USE 3702B FICHE 03710-95030
                                           JUN74 03710-95027*
                                           NOV78 03710-95029* 8L 01 14 03 USE 3702B FICHE 03710-95033
SYSTEM SERV MAN
                    MAR74 03710-95004
OPER INSTRUCT
                    JUN73 03710-95005
                                           JUNES 03710-95030 8L 01 14 01
MAN CHANGE
                    JUN78 03710-95005
SYSTEM SERV MAN
                    SEP79 03710-95008
                                           MAY82 03710-95033 8L 01 14 02
                    FEB82 03710-95008
MAN CHANGE
SERV NOTE SET BELOW
                                           OCT85
3702B-0
                    NOV84 WN SERVICE NOTE INDEX
3702B-1
                    JAN73 WA SER BELOW 1136UGC124. REMOVAL OF CROSSTALK BETWEEN Y & YZ TRACES
37'02B-2
                    JUL73 WA ALL SER. ELIM OF NOISE IN UPPER TRACE WHEN BB CALIBRATION IS ON
                             ALL SER. PREF REPL FOR A4CR3, CR4/5/6/7
3702B-3
                    JAN73
3702B-4
                             SER BELOW 1242U00251. IMPR IN MARKER DISPLAY
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                             MODEL
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                                                LITERATURE
                                                                           H/C PART
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JPTION ANX
                                                                        *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
                           3702B
                                           3702B-5
                                                                 FEB73 WO ALL SER. PREF REPL FOR A2C35
                                           3702B-6
                                                                 FEB73
                                                                          ALL SER. PREF REPL FOR R11
                                           3702B-7
                                                                 FEB?3
                                                                          ALL SER.PREF REPL FOR I.F. ATTEN
                                           3702B-8
                                                                 FEB73
                                                                          ALL SER. PREF REPL OF A691 & A692
                                                                OCT75 WO SER BELOW 1205U00191. FIELD REPL OF A4 ASSEMBLY
                                           37028-9B
                                           3702B-10
                                                                           SER BELOW 1205U00191. FIELD REPL OF AZ ASSEMBLY
                                                                 FEB73
                                                                          SER BELOW 1205U00191. REP OF X-POSITION OFFSET WHEN CHANGING X-GAIN
                                                                 FEB73
                                           3702B-11
                                                                 MAR73 SER 1205U00239/40/48,1245U00256/58/60/62/63 & UP.FIELD REPL OF A6 ASSEMBLY NOV77 WO SER BELOW 1703U01776.PREF REPL FOR A23 ASSY
                                           37028-12
                                           3702B-13B
                                           3702B-14
                                                                 AUG74 WO SER BELOW 1331U-00736.PREF REPL OF A1CR6 & A1CR9
                                                                 OCT74 WO SER BELOW 1331U-00896. FIELD REPL OF R6 SPECTRUM CENTER POTENTIOMETER OR R7
                                           3702B-15A
                                            CONT'D
                                                                           X-POSITION POTENTIONETER
                                                                 FEB76 WA SER BELOW 1318U-00397. MOD TO IMPR AM/PM CONVERSION
                                           3702B-16B
ETER REPAIRS
                                           3702B-17A
                                                                 NOV77 WO SER BELOW 17G3U01776.PREF REPL FOR A24 ASSY
                                                                 APR75 WN ALL SER. PERF CHECK & ADJ PROC FOR IF DISPLAY CALIBRATION
                                           3702B-18
                                                                JUL75 WA SER BELOW 1424U-00936.PREF REPL FOR A24R8
JUL75 WO SER 1318U-00397 TO 1438U01266.PREF REPL FOR A23 CR3
                                           3702B-19
                                           3702B-20
                                           3702B-21
                                                                OCT74 WN SER BELOW 1331U-00526. FIELD INSTALLATION OF ONE-PIECE REAR PANEL
                                                                DEC75 WN SER BELOW 1205U-00191. ELIM OF UNNECESSARY CROWBAR CIRCUIT
                                           3702B-22
                                                                DEC75 WN SER BELOW 1331U-00596. ELIM OF CROWBAR CIRCUITS A1C2, A1CR2, A1CR3, & A1R3
                                           3702B-23
                                           3702B-24
                                                                 APR76 WO ALL SER. MOD TO ELIM NOISE OR OSCIL ON DIFFERENTAL GAIN & DIFFERENTAL PHASE DISPLAYS
                                            CONT'D
                                                                           DUE TO ERR IN LOOP IF FREQUENCY
                                                                 APR76 WO SER BELOW 1546U-D1431. PREF REPL FOR A6C4 & A6C8
                                           3702B-25
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                                                                 JUL76 WO SER BELOW 1616U-01566.PREF REPL FOR A3R36
                                                                JUL76 WO SER BELOW 1616U-01566.PREF REPL FOR A21R36 & A21R39 JUL76 WO SER BELOW 1616U-01566.PREF REPL FOR A23R32
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                                                                 JUL76 WO SER BELOW 1616U-01566.PREF REPL FOR A22R24
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                                                                 SEP78 WO SER BELOW 1242U00251.REC FIELD REPL OF A2 ASSY.
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                                                                 MAR80 WO ALL SER. PREF REPL FOR NPN TRANS (1854-0071)
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                                           3702B-50
                                                                 JUN85 WO ALL SER. PREF REPL FOR A2592
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                                                                MAR78 WN ALL SER. NEW PERF CHECK & TROUBLESHOOT PROC FOR 37028 WITH 37038 OR 3705A PLUG-IN
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                                           SERV MAN
                                                                 SEP76 03702-95012
                                                                                         MAY82 03702-95037 8L 01 14 04
                                           MAN CHANGE
                                                                 JAN80 03702-95012
                           3702Z
                                           SERV MAN VOL I
                                                                 JAN71 03702-95003
                                                                                         APR85 03702-95028 8L 01 14 03
                                           MAN CHANCE
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3702B-003	SERV MAN Man Change	SEP76 03702-95012 MAY82 03702-95037 8L 01 14 04 JAN80 03702-95012
3702Z	SERV MAN VOL I MAN CHANCE	JAN71 03702-95003 APR85 03702-95028 8L 01 14 03 MAR75 03702-95003

PAGE 140 11/08/85 PAGE 155 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P NUMBER C TYPE DATE WINDER DATE NUMBER L T V G PTION *** *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3702Z SERV NOTE SET BELOW APR79 3702z-1 3702z-2 3702z-3 3702z-4 NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE 3702Z-5 NOT AVAILABLE 3702Z-6 NOT AVAILABLE IS GROUND 3702Z-7 NOT AVAILABLE JAN77 WO SER BELOW 1119U-01176.PREF REPL FOR RECTIFIER ASSEMBLY (24) OCT78 WO ALL SER.REPL OF VARACTOR DIODE A3CR5. 3702Z-8 370-7-9 3742-10 OCT78 WO ALL SER.REPL OF A3 ASSY IF MIXER & LOCAL OSC. 3703A JAN00 03702-95001 APR85 03702-95026 8L 01 14 01 JAN71 03703-95025 01 14 03 SYSTEM OPER INSTR JUL70 03703-95000 OPER & SERV MAN 01 14 03 MAN CHANGE AUG70 03703-95000 SERV NOTE SET BELOW JUL80

RV MAN S	OCT70 WN FIELD CONV TO SEP74 03703-95011	아이번을 하는 [아니아] 아이아 아이아 아이아 아이아 아이아 아이아 아이아 아이아 아이아 아	3771A-00
		AUG80 03703-95036 8L 01 14 02	
STEM OPER INSTR F STEM SERV MAN ER INSTRUCT J STEM SERV MAN S RV NOTE SET BELOW 03B-0 N 03B-1A N 03B-2 M	NOV84 WN SERVICE NOTE NOV73 WO ALL SER.PREF MAR78 WN ALL SER.RETRO MAR78 WA ALL SER.RETRO	F REPL FOR A1MC1.MC2/3/4/5 ROFIT OF INT/EXT B.B. SW TO FRONT PANEL L RESISTORS AIR141/2/3	3771A-00
03B-5 03B-6	MAR78 WA SER BELOW 132 MAR80 WO ALL SER.PREF	326U01309.REC REPL RESISTORS AIR195/7/9 F REPL FOR NPN TRANS (1854-0071)	3771A-00
ER & SERV MAN M	MAR71 03703-95002	JAN72 03703-95027 01 14 02	3771A-0
N CHANGE J		MAY74 03703-95026	
03Z-1 M	MAR78 WA ALL SER.REC MAR78 WO ALL SER.REPL	REPL RESISTORS AIR141/2/3	3771A/B
N CHANGE M	MAR83 03705-95001	AUG83 03705-95026 8L 01 14 02	
STEM SERV MAN MER INSTRUCT J STEM SERV MAN S RV NOTE SET BELOW	MAR74 03710-95004 JUN73 03710-95005 SEP79 03710-95008	NOV78 03710-95029* 8L 01 14 03 USE 3705A FICHE 03710-95033 DEC82 03710-95030 8L 01 14 01 MAY82 03710-95033 8L 01 14 02 APR85	
SESTOCOCCOCCENE FARSON FASSESE	STEM SERV MAN ER INSTRUCT STEM SERV MAN RV NOTE SET BELOW 03B-0 03B-1A 03B-2 03B-3 03B-4 03B-5 03B-6 10A-20 ER & SERV MAN N CHANGE RV MAN VOL II N CHANGE RV NOTE SET BELOW 03Z-1 03Z-2 RV MAN N CHANGE STEM OPER INSTR STEM SERV MAN ER INSTRUCT STEM SERV MAN RV NOTE SET BELOW	STEM SERV MAN	STEM SERV MAN HAR74 03710-95005 MOV78 03710-95029* 8L 01 14 03 USE 37038 FICHE 03710-95033

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SERV NOTE SET BELOW
                                                         OCT78
               3703Z-1
                                   MAR78 WA ALL SER.REC REPL RESISTORS AIR141/2/3
               3703Z-2
                                   MAR78 WO ALL SER.REPL PROC FOR AIMC1/2 (1820-0595)
3705A
               SERV MAN
                                                         AUG83 03705-95026 8L 01 14 02
                                   SEP73 03705-95001
               MAN CHANGE
                                   MAR83 03705-95001
               SYSTEM OPER INSTR
                                   FEB72 03710-95002
                                                         JUN74 03710-95027*
                                                                               01 14 01 USE 3705A FICHE 03710-95030
               SYSTEM SERV MAN
                                   MAR74 03710-95004
                                                         NOV78 03710-95029* 8L 01 14 03 USE 3705A FICHE 03710-95033
                                   JUN73 03710-95005
               OPER INSTRUCT
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                                   SEP79 03710-95008
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                                   DEC84 WN SERVICE NOTE INDEX
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FEB76 NO SER BELOW 1438U-01116. PREF REPL FOR R5 SWEEP OUTPUT LEVEL POTENTIOMETER
                    FEB76 WO SER BELOW 1136U-00151. PREF REPL FOR A15R17
3710A-12
                    FEB76 WO SER BELOW 1510U-01446.PREF REPL FOR A15CR23
3710A-13
                    FEB76 WO SER 1136U-00116/18/20/24/30/31/32 & 1136U-00134 TO 1213U-00210.REPL OF A16 70-MHZ
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                              OSCILLATOR ASSEMBLY
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                    NOV77 WO ALL SER. PREF REPL FOR A1MC1, A2MC1, A11MC1, A11MC2, A11MC3, A12MC1, A12MC2, A13MC8
3710A-16
                    JAN78 WN SER BELOW 1637UD1686.REMOVAL OF +15V & -15V RECT FM A15 PC BD TO REDUCE TEMP ON BD
3710A-17
                    JAN78 WA SER BELOW 1637U02155 REC REPL RESISTOR IN PWR SUPPLY ASSY A15R33
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PAGE 157 11/08/85 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P 7 NUMBER C TYPE DATE NUMBER NUMBER LT DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** JAN78 WO SER BELOW 1637U02271.REC REPL RESISTORS IN IF AMP ASSY (A6R28/29/33) 3710A 3710A-19 MAR78 WN ALL SER. NEW PERF CHECK & TROUBLESHOOT PROC FOR 3710A WITH 3715A OR 3716A PLUG-IN 3710A-20 MAY79 WO SER BELOW 1438U01012. PREF REPL OF DIODE A5CR1. 3710A-21 3710A-22 MAR80 WO ALL SER. PREF REPL FOR NPN TRANS (1854-0071) MAY83 WN SER 1849U02471 & BELOW. IMPR COOLING BY RETROFITING LARGER FAN 3710A-23A APR85 03711-90025 8L 01 14 04 SEE TITLE PAGE FOR LIST OF OPTIONS 3711A JUL79 03711-90000 SERV MAN OCT81 03711-90000 MAN CHANGE SEP79 03711-90001 MAY82 03711-90026 8L 01 14 02 SYST SERV MAN JAN81 03711-90001 MAN CHANGE OPER INSTR MAY79 03711-90002 DEC79 03711-90027 8L 01 14 01 (+3791B) SERV NOTE SET BELOW JUL85 3711A-0 JAN85 - SER NOTE INDEX MAR80 WO ALL SER. PREF REPL FOR NPN TRANS (1854-0071) 3711A-1 OCT82 WN ALL SER. PART NUMBER CHANGE FOR IF ATTEN 3711-2 MAR83 WO ALL SER. PREF REPL OF TRANS A1Q1 & CAP A101 3711A-3 MAR83 WA SER 2016U00326 TO 2016U00349.MOD TO IMPR SLAVE OUTPUT AMPLT 3711A-4 SEP79 03712-90000 3712A SERV MAN MAY82 03712-90025 8L 01 14 05 OCT81 03712-90000 MAN CHANGE SEP79 03711-90001 MAY82 03711-90026 8L 01 14 02 SYST SERV MAN JAN81 03711-90001 MAN CHANGE OPER INSTR MAY79 03711-90002 DEC79 03711-90027 8L 01 14 01 (+3793B) JUL85 SERV NOTE SET BELOW 3712A-0 JAN85 - SER NOTE INDEX 3712A-1 FEB80 WO SER 00101 TO 00121. PREF REPL FOR THIN-FILM AMP A22E1 3712A-2 FEB80 WA SER 00101 TO 00121. PREF REPL SUB-ASSY WITH RELAY A30K1 3712A-3 MARSO NO ALL SER. PREF REPL FOR NPN TRANS (1854-0071) SEP82 WO ALL SER.-15V RAIL FUSE BLOWING (INTERMITTENTLY) 3712A-5 OCT82 WN ALL SER. PART NUMBER CHANGE FOR IF ATTEN 3712A-6 NOV82 WO SER 2243000422 & BELOW-REPR & TRBLSHTG INFO WHEN REPL 3712A-7 3712A-8 OCT82 NO SER 2243U00422 & BELOW-PREF REPL FOR A16MC1 AUG83 WO ALL SEX.EHT DERIVED BASEBAND RIPPLE ON 55KHZ OPT(210,211,212, & 221)& CRT SHIELD 3712A-9 AUG83 WO SER 2243U00492 & BELOW.REC INSULATOR TO PREV POSS SHRT BET A30 ASSY & CRT SHIELD 3712A-10 NOV83 WO ALL SER. CHANGES TO Y DEFLECTION SENSITIVITY & NORMALIZER PROGRAM 3712A-11 3712-14 FEB82 WO ALL SER.AM TO PM CONV ADJUST SEP79 03712-90000 MAY82 03712-90025 8L 01 14 05 3712A-004 SERV MAN SEP79 03712-90000 3712A-005 SERV MAN MAY82 03712-90025 8L 01 14 05 SEP79 03712-90000 MAY82 03712-90025 8L 01 14 05 3712A-020 SERV MAN JUN74 03710-95027* 01 14 01 USE 3715A FICHE 03710-95030 3715A SYSTEM OPER INSTR FEB72 03710-95002 NOV78 03710-95029* 8L 01 14 03 USE 3715A FICHE 03710-95033 MAR74 03710-95004 SYSTEM SERV MAN NOV74 03715-95001 SERV MAN MAY82 03715-95026 8L 01 14 02 MAN CHANGE NOV80 G3715-95001 OPER INSTRUCT JUN73 03710-95005 DEC82 03710-95030 8L 01 14 01 SEP79 03710-95008 MAY82 03710-95033 8L 01 14 02 SYSTEM SERV MAN SERV NOTE SET BELOW JUL85 MAR78 WN ALL SER. NEW PERF CHECK & TROUBLESHOOT PROC FOR 3710A WITH 3715A OR 3716A PLUG-IN 3710A-20 3715A-0 JAN85 - SER NOTE INDEX 3715A-1 NOV77 WO ALL SER.PREF REPL FOR A3MC1

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MAR80 WO ALL SER. PREF REPL FOR NPN TRANS (1854-0071)

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MAN CHANGE NOV80 G3715-95001 OPER INSTRUCT JUN73 03710-95005 DEC82 03710-95030 8L 01 14 01 SEP79 03710-95008 SYSTEM SERV MAN MAY82 03710-95033 8L 01 14 02 SERV NOTE SET BELOW JUL85 MAR78 WN ALL SER. NEW PERF CHECK & TROUBLESHOOT PROC FOR 3710A WITH 3715A OR 3716A PLUG-IN 3710A-20 3715A-0 JAN85 - SER NOTE INDEX 3715A-1 NOV77 WO ALL SER. PREF REPL FOR A3MC1 3715A-2 MAR80 WO ALL SER. PREF REPL FOR NPN TRANS (1854-0071)

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37203A
             OPER & SERV MAN
                                AUG80 37203-90000
                                                    MAY82 37203-90025 8L 01 14 02
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11/08/85 MODEL NUMBER 3779A

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SERV NOTE SET BELOW

37201A-1

AUG79 WA SER 1914U00269 & BELOW.MOD TO PREVENT INTERMITTENT HANG-UP AT SWITCH ON 37201A-2

AUG80 WA SER 1925U00666 & BELOW.PROM CHANGE TO SOLVE SPEC APPLICATION PROBLEMS

37201A-3

AUG81 WO ALL SER.PREF REPL OF A1Y100

37201A-4

OCT83 WN SER 2232U & ABOVE.RETROFIT PROC FOR OPT 050 REMOTE HP-IB INTERFACE

37201A-5

SEP83 WO SER 2232U01891 & BELOW.MOD TO ELIM OSCIL START-UP PROBLEM

37201A-050

OPER & SERV MAN

NOV84 37201-90003

AUG85 37201-90028 8L 01 14 02
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11/08/85 **PAGE 159** MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D NUMBER TYPE DATE NUMBER DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 37203A OPER & SERV MAN AUG80 37203-90000 MAY82 37203-90025 8L 01 14 02 MAN CHANGE JAN82 37203-90000 SERV NOTE SET BELOW **0CT82** JAN81 WA SER 2040U00356 & BELOW. MOD TO ELIM POSSIBLE FLASHING DATA ERROR LED 37203A-1 FEB81 WA SER 2040U00549 & BELOW. MOD TO PREVENT MAIN CLOCK GEN FAILURES 37203A-2 37203A-3 MAR81 WN ALL SER. POSS INCORRECT SIGNATURES IN HP-IB SECTION 37203A-4 MAR81 WN ALL SER. INSTALL OF OPT 001 FIBRE OPTIC INTERFACE 37203A-5 MAR81 WO ALL SER.PERF REPL OF IC'S A1U62 & A1U63 37203A-6 JUL81 WO ALL SER. PREF REPL IC A1U55 (NEW PN 1820-0681) 37203A-7 JUL82 WO SER 2040U04080 & BELOW. MOD TO PREV POS HP-IB BUS LOCK-UP 37203A-001 OPER & SERV MAN AUG80 37203-90000 OCT80 37203-90025 8L 01 14 02 3721A OPER MAN APR71 03721-95003 SEP77 03721-95028 8L 01 14 02 MAN CHANGE JAN76 03721-95003 SERV MAN VOL 1 MAY71 03721-95004 AUG80 03721-95029 8L 01 14 03 MAN CHANGE VOL 1 SEP79 03721-95004 SERV MAN VOL 2 MAY71 03721-95005 AUG80 03721-95030 8L 01 14 03 MAN CHANGE VOL 2 JAN79 03721-95005 SERV NOTE SET BELOW APR81 3721A-1 NOV69 WO SER 940- & UP.REBLT EXCHNG PROGRAM 3721A-2 MAY70 WO SER U940-00101.ADJ OF MAIN STORE & CLOCK FREQ JUN70 WO SER U960-00141 & UP.ADJ OF MAIN STORE & CLOCK FREQ 3721A-3 3721A-48 SEP76 WN SER U940 & UP INSTAL OF COMPUTER 1/0-OPT 020 JUN70 WN SER U940 & UP.INSTAL OF DELAY OFFSET-OPT 01-SERIES 3721A-5 3721A-6 AUG70 WA SER BELOW U960-MOD TO IMPR PEN LIFT CONTROL 3721A-7 JUL71 WN ALL SER. INSTAL OF TAPE PUNCH I/O OPT 021 & 022 JUN71 WN SER BELOW 1103U00310 EXCEPT 00297 TO 00305. IMPROVED INTERPOLATION FACILITY 3721A-8 JUN74 WN SER BELOW 1123U WORLDWIDE.SER BELOW 1112A00135 USA ONLY.INSTAL OF 3720A I/O MOD KIT 3721A-9A CONT'D (03721 - 70098)3721A-10A MAY78 WA SER 1123U-00371 & UP(WORLDWIDE)&SER 1112A-00135 & UP(USA).REC PROC FOR INSTALL OF CONT DELAY OFFSET, OPT 01 SERIES 3721A-11 JUL75 WO SER BELOW 1405U-00560.REC REPL FOR A995 & A9910 NOV75 WN ALL SER. MOD OF OPT 022 FOR HP 2895 TAPE PUNCH 37214-12 3721A-13A-S MAY76 WA SAFTY.SER 11370 TO 1544U.SAFTY HAZARD ELIM. ELIM OF POT SHOCK HAZRD DUE TO MISSING 3721A-14B-S AUG77 WA SAFETY.SER 1405U00496 THRU 1544U00596.INSTALL OF CRT SAFETY SHIELD JAN77 WA SAFTY.SER 1405U00496 TO 1543U00596.SAFTY HAZARD ELIM 3721A-14-S 3721A-15 JAN78 WO SER BELOW 1544U00645.PREF REPL-A1Q16 3721A-16 OCT78 WO SER 1544U00660 & BELOW.REC FOR IMPROVED OPER OF RESET CIRCUITRY. 3721A-17 JAN79 WO SER 1544U00665 & BELOW. ELIM OF NOISE ON DITHER POSITION. NOV80 WN SER 1123U & BELOW & SER 1112A00135 & BELOW PREF REPL FOR TIMESCALE SWITCH (\$10) 3721A-18 37210/220T SERV NOTE SET BELOW JUL81 37210/220T-1 FEB81 WN 37210T:4800 BITS MODEM.REC XCHANGE PWR SUPPLY REPL 37210/220T-1 FEB81 WN 377.20T:9600 B 37212A REF MAN MAR85 37212-90000 AUG85 37212-90025 8L 01 14 02 SERV NOTE SET BELOW **OCT85** APR85 WN ALL SER. MOD TO PREV INVALID REMOTE DIGITAL LOOPBACK INITIATION 37213A USERS GUIDE JUN83 37214-90001 JUL83 37214-90026 8L 01 14 01 37214A USERS GUIDE JUN83 37214-90001 JUL83 37214-90026 8L 01 14 01 SERV NOTE SET BELOW JAN84

11/08/85 MODEL NUMBER 3779A 3779A-001 3779A-002

3779A-0

11/08/85 PAGE 160 0 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P NUMBER C TYPE DATE NUMBER NUMBER L T V G DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 37214A 372144-1 AUG83 WA FIRMWARE UPDATE 37215A USERS GUIDE JUL83 37214-90026 8L 01 14 01 JUN83 37214-90001

11/08/85 40DEL C NUMBER C

	SERV NOTE SET BEL 37212A-1	N ALL SER.MOD	OCT85 TO PREV	INVALID R	EMOTE	DIGITAL	LOOPBACK	INITIATION
37213A	USERS GUIDE	7214-90001		37214-9002				
37214A	USERS GUIDE SERV NOTE SET BEL	7214-90001	JUL83 JAN84	37214-9002	6 8L	01 14 0	1	

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 160 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
37214A	37214A-1	AUG83 WA FIRMWARE UPDATE
37215A	USERS GUIDE	JUN83 37214-90001 JUL83 37214-90026 8L D1 14 D1
37216A	USERS GUIDE	JUN83 37214-90001 JUL83 37214-90026 8L 01 14 01
3722A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	
	3722A-1A/H01- 3722A-3A	APR69 NO SER BELOW U850REC TRANS REPL
	H01-3722A-4 3722A-5A 3722A-6A 3722A-7	DEC69 WN SER 843-943.IMPR INVERTER ASSY DEC74 WN PREF REPL JUN79 WO SER 1451U01205 & BELOW.MOD TO PREVENT EXCESSIVE COUNT ON INFINITE SEQUENCE LENGTH OCT74 WO SER 1133U-01076 TO 1133U-01116.MOD TO IMPR PERFORMANCE
	3722A-8 3722A-9	JUN77 WN SER 1523U & BELOW.RECD PARTS REPLACEMENT FOR AZ 3MHZ OSCILLATOR JUN77 WO SERIES 1523U & BELOW.MOD TO PREVENT HIGH SPEED DECADE MALFN
37222A	INSTALL & REF MAN	SEP83 37222-90000 APR84 37222-90025 8L 01 14 01
3724A	OPER MAN MAN CHANGE	MAY81 03724-90001 AUG81 03724-90026 8L 01 14 D2 JUL81 03724-90001
	SERV MAN Man Change	OCT82 03724-90003 AUG83 03724-90028 8L 01 14 07 APR83 03724-90003
	SYS SERV MAN Man Change	FEB83 03724-90004 AUG83 03724-90029 8L 01 14 04 FEB83 03724-90004
	SERV NOTE SET BELOW 3724A-1	
	CONT'D 3724A-2	JAN83 WA SER 2217UD0161 & BELOW. (NOTE-SERIAL ABOVE 2212UD0156 WILL HAVE 03724-60123 FITTED
	CONT'D 3724A-3	JAN83 WO SER 2148U00141 & BELOW.PREF REPL FOR -12V REGLTR (A9U2)
	3724A-4 3724A-5 3724A-6	FEB84 WA SER 2251U00171 & BELOW.FITTING OF BALUNS TO 750HM INPUT & 750HM OUTPUT APR84 WA SER 2251U00171 THRU 2327U00195.NOISE MEAS IN DBRNCO UNITS MAR84 WN ALL SER.SOFTWARE REV
3725A	OPER MAN MAN CHANGE	MAY81 03724-90001 AUG81 03724-90026 BL 01 14 02 JUL81 03724-90001
	SYS SERV MAN MAN CHANGE	FEB83 03724-90004 AUG83 03724-90029 8L 01 14 04 FEB83 03724-90004
	SERV MAN Man Change	SEP82 03725-90001 AUG83 03725-90026 8L 01 14 04 MAY83 03725-90001
	SERV NOTE SET BELOW 3725A-1	JUL83 OCT82 WA SER 2237U00171 & BELOW.REC WHEN MAKING NPR MEAS IN 16KHZ SLOT
3726A	OPER MAN	MAY81 03724-90001 AUG81 03724-90026 8L 01 14 02
	MAN CHANGE SYS SERV MAN MAN CHANGE	JUL81 03724-90001 FEB83 03724-90004 AUG83 03724-90029 8L 01 14 04
	SERV MAN	FEB83 03724-90004 APR83 03726-90001
3730A	OPER INSTR OPER & SERV MAN MAN CHANGE	DEC71 03750~95000 0CT72 03730-95025 01 14 01 JUN74 03730-95004 AUG80 03730-95029 8L 01 14 02 JAN80 03730-95004
	SERV NOTE SET BELOW	

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 161 H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3730A	3730A-1A 3730A-2 3730A-3 3730A-4 3730A-5	MAY75 WA SER BELOW 122U00131.RED OF SPURIOUS AT IF OUTPUT FEB76 WO SER BELOW 1541U-00441.PREF REPL OF C6 NOV76 WA SER BELOW 1647U-00561.MOD TO INC AFC DISCRIMINATOR GAIN NOV77 WO ALL SER.PREF REPL FOR A2C38, A7C38 MAR80 WO ALL SER.PREF REPL FOR NPM TRANS (1854-0071)

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11/08/85 MODEL NUMBER

37798-001

3779B-002

3779C

3779D

3779B

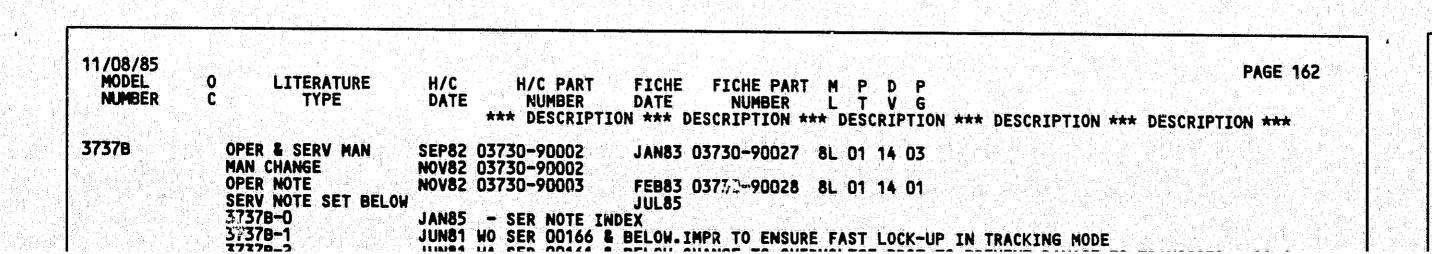
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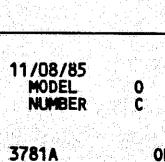
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3730A	OPER	INSTR & SERV MAN CHANGE	JUN74	03730-95000 03730-95004 03730-95004		03730-95025 03730-95029		14 01 14 02	
	SERV	NOTE SET BELO			APR83				
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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 161 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3730A	3730A-1A 3730A-2 3730A-3 3730A-4 3730A-5 3730A-6	MAY75 WA SER BELOW 122U00131.RED OF SPURIOUS AT IF OUTPUT FEB76 WO SER BELOW 1541U-00441.PREF REPL OF C6 NOV76 WA SER BELOW 1647U-00561.MOD TO INC AFC DISCRIMINATOR GAIN NOV77 WO ALL SER.PREF REPL FOR A2C38, A7C38 MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071) JAN83 WN SER 1541U00441 & BELOW.PREF REPL FOR MIXER 0960-0174
3730B	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3730B-0 3730B-1 3730B-2 3730B-3	JUL80 03730-90000 AUG80 03730-90025 8L 01 14 03 SEP82 03730-90002 JAN83 03730-90027 8L 01 14 03 NOV82 03730-90002 JUL85 JAN85 - SER NOTE INDEX OCT81 WO SER BELOW 00228.MOD TO IMPR AFC LOCK UP OCT82 WN ALL SER.PART NUMBER CHANGE FOR OPT 010 IF ATTENUATOR JAN84 WN ALL SER.INSTRU & MAN P/N CHANGES
3731A	OPER NOTE	DEC71 03730-95002 OCT72 03730-95027 01 14 01
5732A	OPER NOTE	DEC71 03730-95002 OCT72 03730-95027 01 14 01
733A	OPER NOTE	DEC71 03730-95002 0CT72 03730-95027 61 14 01
7 34A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3734A-1 3734A-2	APR66 03734-902 JAN83 03734-903 8L 01 14 02 JUN66 03734-902 JUL80 - NOT AVAILABLE JUL69 WN MOD TO LIMIT BANDWIDTH
735A	OPER & SERV MAN SERV NOTE SET BELOW 37354-1	SEP66 03735-901 DEC73 03735-902 01 14 03 Jul80 Jun68 Proc for making time interval meas
5736A	SERV MAN MAN CHANGE SERV NOTE SET BELOW 3736A-1 3736A-2 3736A-3	NOV72 03736-95000 AUG80 03736-95025 8L 01 14 01 SEP77 03736-95000 OCT85 FEB74 WO SER BELOW 1307U00136.VAR IN Y16 OSCILLATOR OUTPUT POWER APR75 WA SER BELOW 1515U-00176.MOD TO REMOVE UNWANTED FM FROM 70 MHZ OUTPUT MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071)
3736B	OPER & SERV MAN OPER NOTE OPER & SERV MAN MAN CHANGE OPER NOTE SERV NOTE SET BELOW	JUL80 03730-90000 AUG80 03730-90025 8L 01 14 03 MAR80 03730-90001 JUN80 03730-90026 8L 01 14 01 SEP82 03730-90002 JAN83 03730-90027 8L 01 14 03 NOV82 03730-90002 NOV82 03730-90003 FEB83 03730-90028 8L 01 14 01 OCT81
3737A	3736B-1 SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUN81 WO SER 00141 & BELOW.IMPR TO ENSURE FAST LOCK-UP IN TRACKING MODE JAN73 03737-95000 AUG80 03737-95025 8L 01 14 01 SEP77 03737-95000 OCT85
	3737A-1 3737A-2	APR75 WA SER BELOW 1515U-00276.MOD TO REMOVE UNWANTED FM FROM 70 MHZ OUTPUT MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071)
5737B	OPER & SERV MAN OPER NOTE	JUL80 03730-90000 AUG80 03730-90025 8L 01 14 03 MAR80 03730-90001 JUN80 03730-90026 8L 01 14 01





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3779D-002

3779D-003

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3780B

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 1 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
37B	OPER & SERV MAN MAN CHANGE OPER NOTE SERV NOTE SET BELOW 37378-0 37378-1 37378-2	SEP82 03730-90002 JAN83 03730-90027 8L 01 14 03 NOV82 03730-90002 NOV82 03730-90003 FEB83 037%2-90028 8L 01 14 01 JUL85 JAN85 - SER NOTE INDEX JUN81 WO SER 00166 & BELOW.IMPR TO ENSURE FAST LOCK-UP IN TRACKING MODE JUN81 WA SER 00161 & BELOW.CHANGE TO OVERVOLTGE PROT TO PREVENT SAMAGE TO TRANSISTOR A11Q4
738A	SERV MAN MAN CHANGE SERV NCTE SET BELOW 3738A-1 3738A-2 3738A-3 3738A-4A	JUL73 03738-95000 AUG80 03738-95025 8L 01 14 01 APR79 03738-95000 OCT85 FEB74 WO SER BELOW 1320U00116.VAR IN Y16 OSCILLATOR OUTPUT POWER APR75 WO SER BELOW 1515U-00196.MOD TO REMOVE NWANTED FM FROM 70 MHZ OUTPUT MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071) MAY84 WO SER 1730U00356 & BELOW.PREF REPL FOR YIG OSC
7388	OPER & SERV MAN OPER NOTE OPER & SERV MAN MAN CHANGE OPER NOTE SERV NOTE SET BELOW 3738B-0 3738B-1 3738B-2	JUL80 03730-90000 AUG80 03730-90025 8L 01 14 03 MAR80 03730-90001 JUN80 03730-90026 8L 01 14 01 SEP82 03730-90002 JAN83 03730-90027 8L 01 14 03 NOV82 03730-90002 NOV82 03730-90003 FEB83 03730-90028 8L 01 14 01 JUL85 JAN85 - SER NOTE INDEX JAN81 WO ALL SER.CANCELLING RESTORED PART FOR YIG OSC JUN81 WO SER 00141 & BELOW.IMPR TO ENSURE FAST LOCK-UP IN TRACKING MODE
739A	SERV MAN MAN CHANGE SERV NOTE SET BELOW 3739A-1 3739A-2 3739A-3 3739A-4	MAY73 03739-95000 AUG80 03739-95025 8L 01 14 01 0CT78 03739-95000 0CT85 FEB74 WO SER BELOW 1317U00116.VAR IN Y16 OSCILLATOR OUTPUT POWER APR75 WA SER BELOW 1515U-00156.MOD TO REMOVE UNWANTED FM FROM 70 MHZ OUTPUT MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071) MAY85 WN SER 1849U00206 & BELOW.PREF REPL FOR YIG
739B	OPER & SERV MAN OPER NOTE OPER & SERV MAN MAN CHANGE OPER NOTE SERV NOTE SET BELOW 3738B-0 3739B-1	JUL80 03730-90000 AUG80 03730-90025 8L 01 14 03 MAR80 03730-90001 JUN80 03730-90026 8L 01 14 01 SEP82 03730-90002 JAN83 03730-90027 8L 01 14 03 NOV82 03730-90002 NOV82 03730-90003 FERRE 03730-90028 8L 01 14 01 JUL85 JAN85 - SER NOTE INDEX JUN81 WO SER 00141 & BELOW.IMPR TO ENSURE FAST LOCK-UP IN TRACKING MODE
743A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3743A-0 3743A-1	FEB77 03743-90000 NOV78 03743-90025 8L 01 14 01 MAY78 03743-90000 JUL85 JAN85 - SER NOTE INDEX MAR79 WO SER BELOW 1734U-00101.REC FIELD REPL OF A2MC1
743A-002	OPER & SERV MAN MAN CHANGE	FEB77 03743-90000 NOV78 03743-90025 8L 01 14 01 MAY78 03743-90000
743A-003	OPER & SERV MAN MAN CHANGE	FEB77 03743-90000 NOV78 03743-90025 8L 01 14 01 MAY78 03743-90000

MAR80 WO ALL SER. PREF REPL FOR NPN TRANS (1854-0071)

AUG80 03730-90025 8L 01 14 03 JUN80 03730-90026 8L 01 14 01

JUL80 03730-90000 MAR80 03730-90001

3737A-2

MAN CHANGE

MAY78 03743-90000

OPER & SERV MAN OPER NOTE

3737B

11/08/85 MODEL NUMBER 0 OPER SERV SERV 3781/ 3781/ 3781/ 3781A 3781A-001 OPER 3781A-002 OPER 3781A-061 OPER 3781A-062 OPER OPER MAN (SERV 3781B SERV 37816 37816 37816 37816 37816 37816 OPER SERV SERV 3782/ 3782/ 3782/ 3782/ 3782A 3782A-001 OPER 3782A-002 OPER 3782A-061 OPER 3782A-062 OPER 37826 OPER MAN (SERV MAN (SERV 3782E 3782E 3782E 3782E 3782E 3782E 3782E

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37444	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	DEC74 03744-90000 SEP77 03744-90025 8L 01 14 02 JUN77 03744-90000 APR81	
	3744A-1 3744A-2 CONT'D	MAR80 WO ALL SER. PREF RELP FOR NPN TRANS (1854-0071) JAN81 WA SER 2009U00226 & BELOW. MOD TO CORRECT BLOWING LINE FUSE WHEN INSTR OPERD ON 1001 220V	/ OR
3745A	SERV MAN	DEC77 03745-90005 MAR78 03745-90030+ 81 01 14 09 USF 37454 FTCHE 03745-00034	

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			MAN CHANGE	HAT/O	03743-90000	1	A CONTRACTOR OF THE STATE OF			

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	DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
OPER & SERV MAN	DEC74 03744-90000 SEP77 03744-90025 BL 01 14 02
MAN CHANGE	JUN77 03744-90000
	MAR80 WO ALL SER. PREF RELP FOR NPN TRANS (1854-0071) JAN81 WA SER 2009U00226 & BELOW. MOD TO CORRECT BLOWING LINE FUSE WHEN INSTR OPERD ON 100V OF
CONT D	
SERV MAN	DEC77 03745-90005 MAR78 03745-90030* 8L 01 14 09 USE 3745A FICHE 03745-90034
	DEC76 03745-90006 MAY82 03745-90031 8L 01 14 03 SEE TITLE PAGE FOR OPTIONS COVERED
	SEP80 03745-90006 AUG78 03745-90009 MAY82 03745-90034 BL 01 14 10 SEE TITLE PAGE FOR OPTIONS COVERED
MAN CHANGE	JUN81 03745-90009
SERV NOTE SET BELOW	크리 보고 있는 것이 되는 것이 되었다. 그런 그리고 있는 사람들은 사람들은 사람들이 되었다. 이 경기에 가는 사람들이 되었다. 그런 것이 되었다. 그런 그리고 있는 것이 되었다. 그리고 있다. 지원 사람들은 사람들이 있는 것이 되었다. 그리고 APR83 등 하는 사람들은 사람들은 사람들이 되었다. 그리고 있는 것이 되었다. 그리고 있는 말을 받았다. 그리고 있는 것이 되었다.
3745A/B-1	AUG76 WA SER BELOW 1609U.MOD TO LIMIT PWR DISSIPATED IN LDSPKR. SER BELOW 1548UL DSPKR DEPL
	JAN77 WA SER BELOW 1645U.MOD TO STOP INCORREC PHASE JITTER READINGS IN PRESENCE OF NOISE DEC76 WA SER BELOW 1645U.MOD TO IMPR PEFORM
3745A/B-4D	FEB79 WA SER 1607U & BELOW.HP-IB SYS OPERATIONAL ERRORS & CONTROL HANGUPS
37450/2-5	☆★리트, 너는 그런 NOTEAVAILABLE 및 무역을 합니다. 하다가 되었다고 있는 그는 그는 그는 그는 그는 그를 가지고 있는 그를 가지 않고 말을 하고 하는 것을 하는데 그렇다. 그들다 그
	APR77 WA SER BELOW 1647U.REC MOD TO IMPR OPER OF +5.2V POWER SUPPLY
3745A/B-8	JAN77 WN ALL SER.TRBLSHTG & ADJ PROC FOR XY DRIVER ASSY A601 03745-66001 MAR77 WO SER BELOW 1609U.REPL A107 CPU I/O ASY
3745A/B-9	APR77 WA SER BELOW 1538U.PROC OF PROC FILTER-CONTROL OUTPUTS
	MAY77 WA SER BELOW 1715U-RED OF 10MHZ & 20MHZ SPURIOUS SIG WHEN USING 15580A ACTIVE PRBE ACC
	JUN77 WA SER BELOW 1720U.MOD TO PREVENT LOSS OF KEYBOARD/HP-IB CONTROL JUN77 WO SER BELOW 1720U.PREFERRED REPLACEMENT OF CORD-WRAP FEET
3745A/B-13B	-OCT80 WN:ALL-SERVINSTAL®OF OPT-040 km in the leaves in the later the selection is a later to be leaved to be b
	JUL79 WA SER BETWEEN 1609U & 1720U & ALL INSTR WHICH HAVE BEEN MOD PER SERV NOTE 3745A/B-4D.
3745A/B-15B	MOD TO IMPR HP-IB CABLE CONFIG IN REMOTE SYSTEMS. APR81 WN ALL SER.INSTALL INSTRUCT FOR OPT 021 CCITT WEIGHTED FILTER & PHASE JITTER
3745A/B-16	MAY78 WA SER BETWEEN 1607U & 1726U-CLARIFICATION OF LOW OUTPUT LEVEL FM 3745B BALANCED AUDIO
	nder tradition of the prefixer comments of the comment of the comm
	MAY78 WA SER 1726U & BELOW. MOD TO PREVENT ILLEGAL STATE OF INPUT ATTEN LOGIC
3745A/B-19	AUG80 WN SER 1812U & BELOW.REC RETROFIT KIT FOR 50HZ SPEC OPT HO7 OCT78 WO SER 1815U & UP.PREF REPL OF A109 ROM1
3745A/B-20E	NOV82 WN SER 1812U & BELOW.REC RETROFIT KIT FOR SPEC OPTS H15/H16 THAT OPER IN CONJUSTE HOT
	OULTO WU SEK 1815ULIMPROV IN LOW FREQ NOISE FLOOR.
3745A/B-23B	NOV80 WO 3745A SER 1815U-1916U;3745B SER 1815U-1908U.PREF REPL OF ROM4 ON A109 CPU MEM ASSY OCT79 WO SER 1815U,1836U.PREV OF POSSIBLE REMOTE START-UP PROBLEM.
3745A/B-24	DEC78 WN SER 1312U & BELOW.REC RETROFIT KIT FOR SPEC OPT H14.
	MAR79 WO ALL SER.REC REPL OF 256-BIT SHIFT REGISTERS ON XY DRIVER A601
	JAN79 WA SER BETWEEN 1815U & 1844U.XY DRIVER (OPT 040) WIRE HARNESS MOD. MAY79 WO SER 1908U & BELOW.REC PROC TO SUPPRESS 10MHZ & 20MHZ SPURIOUS SIGNALS
3745A/B-29	MAY/Y WA SER 1908U & BELOW (OPT 050,H15 & H29).MOD TO IMPR PERF OF A109 MEMORY ASSY
3745A/B-30D	UCIBE NO STADAISER 2032U & BELOW:3745B:SER 2030U & BELOW.PREF REPL OF A109 MEM ASSY
	SEP/9 WO 3745A SER BELOW 1930U00347 & 3745B SER BELOW 1924U00201_PREF REPL OF CAP A311C3
3745A/B-33	OCT79 WO 3745A SER BELOW 1930U00362 & 3745B SER BELOW 1924U00210.PREF REPL OF IC A211IC6 NOV79 WO SER 1812U & BELOW.PREF REPL OF ASSYS A108/A109
3745A/B-34	FEB80 WA SER 1930U & BELOW.MOD TO PREVENT ERRONEOUS LEVEL MEASMIS USING A301 NOTCH FILTER
	"FEBSU WN ALL SER-INSTRUCT ON HOW TO SELECT CCITT PLANS DURING REMOTE HP-IB OPER
	FEB80 WA SER 1930U & BELOW. MOD TO PREVENT ERRONEOUS LEVEL MEASHTS USING 2.5KH7 FILTER
CONTD	AUG80 WO 3745A:SER 1930U & BELOW;3745B:SER 1924U & BELOW.MOD TO IMPROVE SUPPRESS OF LINE RADIATED RFI
3745A/B-38A	OCT80 WO ALL SER.PREF REPL OF VARACTOR DIODE 0122-0059 AUG80 WO SER 1532U & BELOW.PREF REPL OF A108 CPU ASSY
	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3744A-1 3744A-2 CONT'D SERV MAN OPER MAN OPER MAN MAN CHANGE SERV MOTE SET BELOW 3745A/B-1 3745A/B-2 3745A/B-3 3745A/B-5 3745A/B-6A 3745A/B-6A 3745A/B-8 3745A/B-10 3745A/B-10 3745A/B-12 3745A/B-12 3745A/B-12 3745A/B-13B 3745A/B-12 3745A/B-18D 3745A/B-16 CONT'D 3745A/B-16 CONT'D 3745A/B-16 CONTD 3745A/B-17 3745A/B-20E 3745A/B-21 3745A/B-20E 3745A/B-20E 3745A/B-20B 3745A/B-30B

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3745A/B	3745A/B-40	AUG80 WO SER 1748U & BELOW. PREF REPL OF A202 REF FREE ASSY
	3745A/B-41 <u>3745</u> A/B-42A	AUG80 WO SER 1726U & BELOW.PREF REPL OF A203 N3 PROGRAMMABLE DIVIDER OCT80 WO SER 1726U & BELOW.PREF REPL OF A206 SL2 VTO ASSY
	3745A/B-43 3745A/B-44	AUG80 WO SER 1645U & BELOW.PREF REPL OF A215 110MHZ FILTER ASSY AUG80 WO SER 1645U & BELOW.PREF REPL OF A216 10MHZ FILTER ASSY
	3745A/B-45A	OCT80 WO SER 1715U & BELOW. PREF REPL OF A502 REGULATOR ASSY
	3745A/B-46 3745A/B-47	AUG80 WO SER 1930U & BELOW.PREF REPL OF A601 X Y DRIVER ASSY AUG80 WO ALL SER.PREF REPL OF PHASE LOCK LOOP IC 1826-0407
	3745A/B-48 3745A/R-40A	AUG80 WO ALL SER. PREF REPL FOR NPN TRANSISTOR 1854-0071

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	3745A/B-42A	OCT80 V	O SER 1726U & BELOW.PREF REPL OF A206 SL2 VTO ASSY
	3745A/B-43	AUG8D F	O SER 1645U & BELOW.PREF REPL OF A215 110MHZ FILTER ASSY
基础电影器 医	3745A/B-44	AUG80 F	O SER 1645U & BELOW.PREF REPL OF A216 10MHZ FILTER ASSY
海岭湾 红色群型	3745A/B-45A	OCT8D V	O SER 1715U & BELOW.PREF REPL OF A502 REGULATOR ASSY
	3745A/B-46	AUGBU N	O SER 1930U & BELOW.PREF REPL OF A601 X Y DRIVER ASSY
	3745A/B-47 3745A/B-48	AUGSU N	O ALL SER. PREF REPL OF PHASE LOCK LOOP IC 1826-0407
기존 기가 되었다.	3745A/B-49A	MUNEU F	O ALL SER. PREF REPL FOR NPN TRANSISTOR 1854-0071
	CONT D	MOASD .	O 3745A SER 2032U00407 & BELOW;3745B SER 2030U00237 & BELOW.MOD TO ELIM VAR IN PROGRAM ATTEN STEPS
	3745A/B-50	AUGRO L	O ALL SER.PREF REPL OF OPT 050 ROM 5090-0805
	3745A/3-52/	JAN81 L	IN ALL SER.3745A/B SEMI-AUTOMATIC PERF CHECK USING TAPE CART 03745-18003
	3747A/B-23		
	3745A/B-53	OCT82 W	O ALL SER.PREF REPL FOR A200E1 10MHZ MASTER OSCILLATOR
3745B	SERV MAN	DEC77 (3745-90005 MAR78 03745-90030* 8L 01 14 09 USE 37458 FTCHE 03745-90034
	OPER MAN		3745-90005 MAR78 03745-90030☆ 8L 01 14 09 USE 3745B FICHE 03745-90034 3745-90007 MAY62 03745-90032 8L 01 14 03 SEE TITLE PAGE FOR OPTIONS COVERED
	MAN CHANGE		3745-90007
	SERV MAN		3745-90009 MAY82 03745-90034 3L 01 14 10 SEE TITLE PAGE FOR OPTIONS COVERED
	MAN CHANGE		3745-9G009
5746A	OPER MAN	NOV81 0	3746-90001 APR82 03746-90026* 8L 01 14 03 USE 3746A FICHE 03746-90028
	SERV MAN		3746-90002 JUN84 03746-90027 8L 01 14 07
	OPER MAN		3476-90003 SEP84 03746-90028 8L 01 14 03
	SERV NOTE SET BELOW		OC785
	3746A-0		- SER NOTE INDEX
	3746A-1	JU182 K	O ALL SER.PREF REPL FOR A5Q1,Q3.Q5, &A1DQ2,Q4,Q5
	3746A-2B	JUL85	N ALL SER-10MHZ PRECISION FREQ REF ASSY (OPT 0:4) RETROFIT KIT
	3746A-3	DEC82 W	N ALL SER-RETROFIT PROC FOR OPT 015/016 CHANNEL IMPAIRMENT
	3746A-4 3746A-5	DECO2 N	N ALL SER. RETROFIT PROC, FOR OPT 012 - TRACKING GEN
나랑에 되었다.	37468-6	DECOZ A	N ALL SER. RETROFIT PROC. FOR OPT 011 - GROUP FILTER
	3746A-7	MAYRT L	O SER 2250U00332 & BELOW.PREF REPL FOR IC A22U16 O ALL SER.PREF REPL FOR A68 BUS TRANSFER
	3746A-8	AUG83	O SER 2320U00371 & BELOW PREF REPL FOR CAP C3 TO PREV IRREGULAR RESETS OF PROCESSOR
	3746A-9A	JAN84 W	O ALL SER. PREF REPL FOR DIODE CR3
	3746A-10		O ALL OPT 013 INST.PREF REPL FOR A41E1
	3746A-11	NGV83 W	O ALL SER. WHERE THE PROTECT FUSES ARE LOCATED
	3746A-12	JAN84 W	O SER 2320U00372 & BELOW.PREF REPL FOR RESISTOR A1R32
	3746A-13A	APR85 W	N SER 2314U00352 & BELOW.RETROFIT HIGH LEVEL SEARCH (HOT TONE) FACILITY
	3746A-14	JAN85 M	O ALL SERSPREFOREPLIFOR A41E1 CRYSTAL OSCIL CONTROL OF THE BOTH ALLEST OF THE PROPERTY OF THE
	3746A-15	MARKS W	A SER 2410U00602 & BELOW.INSPECTION OF CIR BETWEEN MOTHERBD & CASTING
3747A	OPER MAN		3747-90001 MAY82 03747-90026 8L U1 14 03 SEE TITLE PAGE FOR OPTIONS COVERED
	MAN CHANGE		<u>3747世9900대의 그는 학교 학자는 학생들은 대한 교육 대한 대학자 전문 학원하는 대한 학교들은 대한 학교를 하고 있다. 하는 학교를 받는 다음을 다</u> 렸다.
	SERV MAN		3747-90005 MAY82 03747-90030 8L 01 14 10 SEE TITLE PAGE FOR OPTIONS COVERED
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	3747A/B-1	OCT78 N	O SER 1819U & BELOW. IMPROVEMENT IN LOW FREQ NOISE FLOOR.
	3747A/B-2	OCT78 W	O SER 1834U & BELOW. PREVENT OF POSSIBLE REMOTE START-UP PROB.
	3747A/B-3A	NOV/9 K	A SER 1804U & BELOW.REC MOD TO TOMHZ XTAL FILTER ASSY.
· 图》(1915年)	3747A/B-4A 3747A/B-5	PEBOU W	O 3747A SER 1930U & BELOW; 3747B SER 1924U & BELOW.PREF REPL OF ROM4 CM A109 CPU MEM AS A SER BETWEEN 1809U & 1908U.XY DRIVER (OPT 040) WIRE HARNESS MOD.
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3747A/B	3747A/B-7B	P79 WO SER BELOW 1916U.PREF REPL OF 256-BIT SHIFT REGISTERS ON XY	DRIVER A601
	3747A/B-8A	BB3 WN SER 2030U & BELOW.PREF REPL OF MEM ASSY A109	지하는 항상으로 가지 않는 것이 하고 모으셨다.
	3747A/B-9	279 NO 5' 1915UDD129 & BELOW MOD TO PREVENT UNSTABLE INPUT AUTOR	ANGING
	3747A/B-10 3747A/B-11	P79 WO 5.47A SER BELOW 1924UD0139 & 3747B SER BELOW 1924UD0115.PR	EF REPL OF CAP A311C3
	3747A/B-12A	P79 WO 3747A SER BELOW 1924U00139 / 37478 SER BELOW 1924U0011().PR	EF REPL OF IC A211IC6
	3747A/B-13	PR81 WH ALL SER. INSTALL OF OPT 022 TO FACILITATE C-MESSAGE WEIGHTE	D FILTER & PHASE JITTER
	CONT'D	EB80 WA 3747A SER 1950U & BELOW;3747B SER 1924U & BELOW.MOD TO PRE USING A301 NOTCH FILTER	VENT ERRON LEVEL MEASMTS
	3747A/B-14	B80 WN 3747A ALL SER.INSTRUCT ON HOW TO SELECT CCITT PLANS DURING	DEMATE UD_TE ADED
	3747A/B-15	B80 WA 3747A SER 1950U & BELOW; 3747B SER 1924U & BELOW. MOD TO PRE	VENT EDRON LEVEL MEACHTO
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77474/8	3747A/B-7B 3747A/B-8A 3747A/B-9 3747A/B-10 3747A/B-11 3747A/B-12A 3747A/B-13 CONT'D 3747A/B-15 CONT'D 3747A/B-16 CONT'D 3747A/B-17 CONTD 3747A/B-19 3747A/B-19 3747A/B-21 3747A/B-21 3747A/B-22 3747A/B-23 3747A/B-23 3747A/B-23 3747A/B-25B 3747A/B-25B 3747A/B-26	SEP79 WO SER BELOW 1916U.PREF REPL OF 256-BIT SHIFT REGISTERS ON XY DRIVER A601 FEB83 WN SER 2030U & BELOW.PREF REPL OF MEM ASSY A109 SEP79 WO 5' 1915U00129 & BELOW.MOD TO PREVENT UNSTABLE INPUT AUTORANGING SEP79 WO 5.7A SER BELOW 1924U00139 & 3747B SER BELOW 1924U00115.PREF REPL OF CAP A311C3 SEP79 WO 3.747A SER BELOW 1924U00139 / 3747B SER BELOW 1924U00115.PREF REPL OF IC A211IC6 APR81 WN ALL SER.INSTALL OF OPT 022 TO FACILITATE C-MSSAGE WEIGHTED FILTER & PHASE JITTER FEB80 WA 3747A SER 1950U & BELOW;3747B SER 1924U & BELOW.MOD TO PREVENT ERRON LEVEL MEASMTS USING A301 NOTCH FILTER FEB80 WA 3747A ALL SER.INSTRUCT ON HOW TO SELECT CCITT PLANS DURING REMOTE HP-IB OPER FEB80 WA 3747A SER 1950U & BELOW;3747B SER 1924U & BELOW.MOD TO PREVENT ERRON LEVEL MEASMTS USING 2.5KHZ FILTER FEB80 WO 3747A SER 1924U0014O & BELOW;3747B SER 1924U00115 & BELOW.IMPR IN SUPP OF LINE RADIATED RF1 AUG80 WO 3747A:SER 1950U & BELOW;3747B:SER 1924U & BELOW.MOD TO ELIM EXCESSIVE SPUR SIGNALS FM 2ND MIXER A318 OCT80 WO ALL SER.PREF REPL OF VARACTOR DIODE 0122-0059 AUG80 WO ALL SER.PREF REPL OF PHASE LOCK LOOP IC 1826-0407 JAN81 WO ALL SER.PREF REPL FOR NPN TRANSISTOR JAN81 WO ALL SER.INSTALL INSTRUCT FOR X-Y RECORDER OR CRT DISPLAY OPT 040 JAN81 WO SER 1924U & BELOW.PREF REPL OF A601 X-Y DRIVER ASSY JAN81 WO ALL SER.3745A/B SEKI-AUTOMATIC PERF CHECK USING TAPE CART 03745-18003 NOV80 WO 3747A SER 2030U00173 & BELOW;3747B SER 2036U00126 & BELOW.MOD TO ELIM VARIATION IN PROGRAMMABLE ATTEN STEPS WA SER 2143U00136 & BELOW.A315 BROADBAND PWR DETECTOR OCT82 WO ALL SER.PREF REPL FOR A20261 10MHZ MASTER OSCIL
	3747A/B-27 CONT'D 3747A/B-28	MAR83 WO 3747A:SER 2142U00028 & BELOW;3747B:SER 2143U00146 & BELOW.MOD TO IMPROV NOISE FLOOR AT 100KHZ MAY83 WO ALL SER.PREF REPL FOR A203IC1 OR A202A2IC2
37 47 8	OPER MAN Man Change Serv Man Man Change	DEC77 03747-90003 MAY82 03747-90028 8L 01 14 03 SEP80 03747-90003 JUL79 03747-90005 MAY82 03747-90010 8L 01 14 10 SEE TITLE PAGE FOR OPTIONS COVERED OCT81 03747-90005
575A	OPER NOTE	APR68 00375-90002 AUG70 00375-90003 01 04 01
3750A	OPER NOTE	0CT70 03750-95000 APR85 03750-95025 8L 01 14 01
1754A	OPER & SERV MAN Man Change	MAR77 03754-90000 MAY82 03754-90025 8L 01 14 02 SEE TITLE PAGE FOR OPTIONS COVERED MAY81 03754-90000
754A-001	OPER & SERV MAN Man Change	MAR77 03754-90000 AUG80 03754-90025 8L 01 14 02 MAR80 03754-90000
755A	OPER & SERV MAN Man Change	MAR77 03755-90000 NOV78 03755-90025 8L 91 14 03 MAY78 03755-90000
755A - 001	OPER & SERV MAN Man Change	MAR77 03755-90000 NOV78 03755-90025 8L 01 14 03 MAY78 03755-90000
755A-002	OPER & SERV MAN MAN CHANGE	MAR77 03755-90000 NOV78 03755-90025 8L 01 14 03 MAY78 03755-90000
755A-003	OPER & SERV MAN	MAR77 03755-90000 NOV78 03755-90025 8L 01 14 03

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3793B	SYST SERV I
	SERV NOTE
	37938-1 37938-2
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	3793B-4 3793B-5
3800A	OPER MAN
	SERV MAN
38006	OPER MAN
	OPER MAN SERV MAN
3801A	OPER MAN
3801A/B	SERV NOTE
	3801A/B-1 3801A/B-2
	3801A/B-3
	3801A/B-4 3801A/B-5A
	3801A/B-6
	3801A/B-7
	2501A/B-8 3801A/B-9
l digital design y to somethic Design and several financies	3801A/810
3801B	OPER MAN
	OPER MAN
	SERV MAN
3805A	OPER MAN
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3810A	SERV HAN
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382A	OPER NOTE
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3760A-10

3760A-11

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3761A-1

3761A-2

3761A-3

3761A-5

MAN CHANGE

MAN CHANGE

SERV NOTE SET BELOW

3760A-7/3761A-4

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ESCRIPTION ***

NALYZER

0051/61 0052

1929A00195 &

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O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	DATE	NUMBER	L	Т	٧	PAGE 166 P G PTION *** DESCRIPTION ***
MAN CHANGE	MAY78	03755-90000	N0V78	03755-90025	8L	01	14	03
OPER & SERV MAN MAN CHANGE	The state of the s		N0V78	03755-90025	8L	01	14	.03
OPER & SERV MAN MAN CHANGE	and the second		N0V78	03755-90025	8L	01	14	03
OPER & SERV MAN MAN CHANGE			NOV78	03755-90025	8L	01	14	03
OPER & SERV MAN MAN CHANGE	and the second of the second		MAY82	03756-90025	8L	01	14	02
OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3757A-0 3757A-1 CONTD	AUG81 JAN85	03757-90000 - SER NOTE IND WA SER 1948U002	JUL85)(:X !30 & B	ELOW.MOD TO A				
OPER & SERV MAN MAN CHANGE	4 1 1 1 1		MAY82	03757-90025	8L	01	14	02
OPER & SERV MAN MAN CHANGE			MAY82	03757-90025	8L	01	14	02
SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELOW 3760A-1 3760A-2A 3760A-3 3760A-4 3760A-5 3760A-6	NOV77 JUN73 - MAY76 JAN75 JAN75 JAN75 APR75	03760-95000 03760-95002 NOT AVAILABL WA SER BELOW 14 WA SER BELOW 14 WA SER BELOW 14 WA SER BELOW 14 WA SER BELOW 15	JAN76 APR79 .E .39U-00 47U-00 16U-00 15U-00	03760-95027 196.PREF REPL 156.MOD TO ST 166.REPL OF A 186.MAN TRIGGE 231.CHANGES TO	FOR OP A 28R3 ER 1	01 43L 8 HPU	14 RD 1 1 A38	O1 SWITCH INDICATOR LAMPS 2140-0374 A43L2 FROM SHORTING BR3 FOR 03760-70925 (A25) ASSEMBLY S ASSY FOR C APATIBILITY WITH FIXED CLOCKS
	MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 3757A-1 CONTD OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELOW 3760A-1 3760A-2 A 3760A-2 A 3760A-3 3760A-5	MAN CHANGE MAY78 OPER & SERV MAN MAR77 MAN CHANGE MAY78 OPER & SERV MAN MAR77 MAN CHANGE MAY78 OPER & SERV MAN MAR77 MAN CHANGE MAY78 OPER & SERV MAN APR78 MAN CHANGE MAY81 OPER & SERV MAN SEP78 MAN CHANGE AUG81 SERV NOTE SET BELOW 3757A-0 JAN85 3757A-1 OCT80 OPER & SERV MAN SEP78 MAN CHANGE AUG81 OPER & SERV MAN SEP78 MAN CHANGE AUG81 OPER & SERV MAN SEP78 MAN CHANGE AUG81 SERV MAN NOV73 MAN CHANGE NOV77 OPER MAN JUN73 SERV NOTE SET BELOW 3760A-1 3760A-2A MAY76 3760A-3 JAN75 3760A-6 APR75	Type	C TYPE	MAN CHANGE	C TYPE	MAN CHANGE	MAN CHANGE

JAN76 03760-95004

JUN73 03760-95002

APR75 03760-95002

JUL74 03761-95000

MAR78 05761-95000

AUG75 WW FLD REPL OF A25 CLK INPT AMPLER ASSY

OCT78

AUG75 WN FIELD REPL OF A20 & A21 ASSY

APRT4 WO SER BELOW 1349U.PREF REPL FOR A42C1 & A43C1

MAR75 WA SER BELOW 1446U-D0191. PREF REPL FOR A41C1 & A41C5

DEC77 WA SER BELOW 1744U00351. MOD TO IMPROVE -5.2KV PWR SUPPLY ASSY JAN79 WA SER 1744U00356 TO 1744U00394.REC MOD TO DATA DELAY SWITCHING.

DEC76 03760-95029 8L 01 14 02

JAN76 03760-95027 8L 01 14 01

NOV78 03761-95025 8L 01 14 05

MAY75 WN SER BELOW 1440U-00181.RETROFITTING 0.001-1.5 MEGABITS/SEC CAPABILITY

MAR75 WA SER BELOW 1447U-00200. MOD TO ELIM EXCESSIVE MISMATCH RINGING

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DIOUNTI/DIDIATE HATTO AN SER BELOW 1439U-UU186 KETRUFITTING U.UU1-1.5 NEGABITS/SEC CAPABILITY - NOT AVAILABLE
AUG75 WW FLD REPL OF A25 CLK INPT AMPLER ASSY
DEC77 WA SER BELOW 1744U00351.MOD TO IMPROVE -5.2KV PWR SUPPLY ASSY 3760A-8 3760A-9 3760A-10 3760A-11 JAN79 WA SER 1744U00356 TO 1744U00394.REC MOD TO DATA DELAY SWITCHING. 3760A OFTS SUPP SERV MAN JAN76 03760-95004 DEC76 03760-95029 8L 01 14 02 3761A OPER MAN JUN73 03760-95002 JAN76 03760-95027 BL 01 14 01 MAN CHANGE APR75 03760-95002 JUL74 03761-95000 SERV MAN NOV78 03761-95025 8L 01 14 05 MAN CHANGE MAR78 05761-95000 SERV NOTE SET BELOW **OCT78** APR74 WO SER BELOW 1349U.PREF REPL FOR A42C1 & A43C1
MAR75 WA SER BELOW 1446U-00191.PREF REPL FOR A41C1 & A41C5
MAR75 WA SER BELOW 1447U-00200.MOD TO ELIM EXCESSIVE MISMATCH RINGING 3761A-1 3761A-2 3761A-3 3760A-7/3761A-4 MAY75 WN SER BELOW 1440U-00181.RETROFITTING 0.001-1.5 MEGABITS/SEC CAPABILITY AUG75 WN FIELD REPL OF A20 & A21 ASSY 3761A-5

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	3761A	3761A-6B CONTD	OCT77 WO SER BELOW 1707U-00306.MOD TO OBTAIN CLOCK & DATA PHASING LAMP ON WITH 150MB/S NRZ DATA IMPUT
590 SER BELOW O	3762A	OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW 3762A-0	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02 MAR80 03762-90006 MAY82 03762-90031 8L 01 14 06 SEE TITLE PAGE FOR OPTIONS COVERED JAN82 03762-90006 JUL85 JAN85 - SER NOTE INDEX
590 SER BELOW		3762A-1 3762A-2 3762A-3 CONTD	JAN78 WO SER BELOW 1738U00140.MOD TO IMPROVE PERFORMANCE APR78 WO SER BELOW 1812U-00156.REC MOD TO REDUCE SUSCEP OF 3762A TO CONDCD LINE INTERFERENCE OCTSO WA SER BELOW 1812U00421 (OPT 201,202,330).MOD TO ELIM INCORRECT ERROR RATE ON TERNARY DATA OUTPUT
TPUT DAMPING		3762A-4 3762A-5 3762A-6 3762A-7	OCT81 WO ALL SER REPL FOR LINE INPUT THERMISTOR OCT80 WO SER 21424 & BELOW.REPL FOR LINE INPUT THERISTOR NOV83 WO ALL SER.WHERE THE PROTECT FUSES ARE LOCATED JAN84 WO ALL SER.PREV OF SUBSEQUENT PWR SUPPLY FAILURE
	37624-801	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3762A-907	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3762A-908	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3762A-909	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3762A-910	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3763A	OPER MAN SERV MAN MAN CHANGE	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02 OCT80 03763-90007 MAY82 03763-90032 8L 01 14 06 SEE TITLE PAGE FOR OPTIONS COVERED JAN82 03763-90007
		SERV NOTE SET BELOW 3763A-1 3763A-2 3763A-3 3763A-4 3763A-5 3763A-6 3763A-7B CONT'D	OCT77 WN ALL SER.MOD TO ELIM SPURIOUS PRNTG WHEN 3763A IS USED WITH 5050B,5055A & 5150A PRNTR APR78 WO SER BELOW 1812U00156.MOD TO REDUCE SUSCEPTBLY OF 3763A TO CONDUCTED LN INTERFERENCE. FEB80 WO SER 1947U00326 & BELOW.MOD TO IMPR REL OF PWR SUPPLY SWITCHING TRANSISTOR OCT80 WO ALL SER REPL FOR LINE INPUT THERMISTOR OCT80 WO SER 2150U & BELOW.REPL FOR LINE INPUT THERMISTOR JUN82 WO SER 2150U00706 & BELOW.ADD OF DELAY TO ENSURE PRINTER PRINTS LOC TIME & DATA JUN85 WO SER 2150U00800 & BELOW.PREF REPL FOR A14IC27(1820-1755,A14IC27(1820-2040)
WESP OUTPUT		3763A-8 3763A-9 3763A-10 3763A-11	03763-60114(TIMER ASSY) JAN84 WO ALL SER. WHERE THE PROTECT FUSES ARE LOCATED JAN84 WO ALL SER. PREV OF SUBSEQUENT PWR SUPPLY FAILURE DEC33 WO ALL SER. MOD TO IMPROV RETURN LOSS ON CMI INPUT JAN85 WO OPT 201, 202, 330. PREF REPL FOR A3Q5 & A3Q6
	3763A-801	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3763A-907	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3763A-908	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
H CR13	3763A-909	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	3763A-910	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
	37848	SERV MAN	APR84 03764-90001 DEC84 03764-90026* 8L 01 14 03 USE 3764A FICHE 03764-90028
그러나 숙하는 무료학교를 생각하는 것으로 살아.	(1) (P. Y. Y. L. Y.	집 등 화가락하다 되고 싶다는 것인데 건물 같다	#S#통로 변환하는 # 4호선도 다른 작한 #SEE 참고 함께 보고 전혀 등록 하는 그리고 하는 사람들은 모든 100mg 등을 모르는 바람이 없는 것이 되는 사람이 되었다고 되는 것이다. 그는 것이

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	3763A-8 3763A-9 3763A-10 3763A-11	JAN84 WO ALL SER. WHERE THE PROTECT FUSES ARE LOCATED JAN84 WO ALL SER. PREV OF SUBSEQUENT PWR SUPPLY FAILURE DEC83 WO ALL SER. MOD TO IMPROV RETURN LOSS ON CMI INPUT JAN85 WO OPT 201, 202, 330. PREF REPL FOR A3Q5 & A3Q6
3763A-801	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
3763A-907	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 BL 01 14 02
3763A-908	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
3763A-909	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
3763A-910	OPER MAN	SEP77 03762-90001 0CT77 03762-90026 8L 01 14 02
3764A	SERV MAN	APR84 03764-90001 DEC84 03764-90026* 8L 01 14 03 USE 3764A FICHE 03764-90028

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	3764A	OPER INFO	JAN84 03764-90002 JUN84 03764-90027 8L 01 14 02
		MAN CHANGE	FEB84: 03764-90002
		SERV MAN SERV NOTE SET BELOW	DEC84 03764-90003 AUG85 03764-90028 8L 01 14 08 0CT85
		3764A-1	NOV83 WO ALL SER. WHERE THE PROTECT FUSES ARE LOCATED
하는 사람들은 경기를 받는 것이 되었다. 그런 그런 이 교육 사람들은 작업 기업을 모르고 있다.		3764A-2 3764A-3	FEB84 WO ALL SER.REMOV PWR BEFORE INSERTT/REMOVING ASSY
CERTAIN		3764A-4	JUN84 WA SER 2418A00237 & BELOW.MOD TO PREV INCORREC READ OF ANALOGUE AUX INPUT VOLTG JUL84 WA SER 2418A00244 & BELOW.MOD TO PREV INCORREC AIS & SYNC LOSS MESSAGE-PRINTER/CASSETTE
		3764A-5A	APR85 NO SER 2419UUU257 & BELOW.MOD TO PROT NON VOLATILE MEMORY
		3764A-6-S 3764A-7	OCT84 WO SAFETY.SER 2418U00246 & BELOW.ELIM OF POT SAFE HAZ OCT84 WO SER 2418U00246 & BELOW.REC PROC FOR REPL OF FAN
		3764A-8	OCT84 WO SER 2418U00246 & BELOW.PROC FOR REPL OF A24 LINE INPUT ASSY
		3764A-9 3764A-10	NOV84 WN SER 2419A00536 & BELOW.FIRMWARE REV JAN85 WN ALL SER.PRINTER RETROFIT KIT
		3764A-11A	MAY85 WN ALL SER. TAPE CASSETTE RETROFIT KIT
		3764A-12	JUNSS WA SER 2419U00580 & BELOW.OPT 010 TAPE CASSETTE FIRMWARE REV
	3770A	SERV MAN	JUN75 03770-90000 NOV78 03770-90025 8L 01 14 07
JITRY		MAN CHANGE SERV NOTE SET BELOW	AUG78 03770-90000 - CONTROL OF THE C
		3770A-1	OCT84 OCT74 WA SER BELOW U-00131.MOD TO CORREC LIMITING OF Y RECORDER OUTPUT
		3770A-2C	JUN78 WO SER BELOW U-00483.REC TO INCREASE RECEIVER FREQ DISPLAY STABILITY
IANNEL		3770A-3 3770A-4	OCT74 WA SER BELOW U-00151 MOD TO AVOID INVALID FREQ INDICATION AT SWITCH-ON
		3770A-5	OCT74 WA SER BELOW U-00151.MOD TO ELIM DISTORTION ON 41.66 HZ MODULATING SIGNAL FEB75 WA SER BELOW U-00151.MOD TO STOP CURRENT LIMITING OF POWER SUPPLY
		3770A-6	FEB75 WA SER BELOW U-00285. MOD TO CORREC FALSE READINGS OF FREQ & MEAS LED DISPLAYS
NTING OF		3770A-7 3770A-8	MAR75 WA SER BELOW U-00215. OVERLOAD CONDT OF D/A ASSY ON 5 KHZ RANGE MAR75 WA SER BELOW U-00215. MOD TO CORREC FAULTY FREQUENCY DISPLAY
		3770A-9	JUL75 WA SER BELOW U-00256.A32 COMPONENT REPL
		3770A-10A 3770A-11	APR76 WN SER BELOW U-00256. FRONT PANEL PRTS COMPATABILITY
		3770A-12-S	JUL75 WO SER BELOW U-00:51.COMPATABILITY OF FRONT & REAR FRAMES & TOP & BOTTOM COVERS WA SAFTY.SER BELOW 1539UG0366.ELIMINATION OF POTENTIAL SHOCK HAZARD
		3770A-13A	MAR76 NO MOD TO ELIM NOISY VOLUME CNTR POTENTIOMETER
		3770A-14 3770A-15A	APR76 WM ALL SER.ATTENUATION DISTORTION SERVICE KITS
		3770A-16	MAY76 WA SER BELOW U-00396. MOD TO IMPR ATTEN DISTORTION PERFORMANCE AT LOW OUTPUT I FUELS
		3770A-17A CONT'D	OCT78 WN SER BELOW 1651UDD483.REC TO IMPROVE ATTEN DIST RESPONSE WITH INPUT FREQ WIDELY SEP/
		3770A-18	MAY76 WO SER BELOW U-00381. PREF REPL OF STORAGE COVER
		3770A-19	MAY76 NM SER BELOW U-00396. MOD TO IMPR LO-LEVEL RECIEVER AMPLITUDE MEASUREMENT STABILITY
OVERED		3770A-20 3770A-21	JUN76 WO ALL SER.PREF REPL OF FUSE FOR 230V OPERATION MAY76 WO ALL SER.PREF REPL OF A11R20 & A11R19
		3770A-22	MAY76 WO SER BELOW U-00256. PREF REPL OF A4 RN2, RN3, RN4, & RN5
		3770A-23 3770A-24	JUN76 WN ALL SER. PREF REPL OF HEAT SINKS ON A5/A6
		3770A-25	JUN76 WN SER ABOVE U-00396.PREF REPL OF VOLTAGE SELECTOR SWITCH A23S1 JUN76 WO SER BELOW U-00381.PREF REPL OF A1CR1-CR10
		3770A-26	SEP76 WO SER BELOW U-00400. MOD TO CORREC BLANKED DISPLAY CAUSED BY FAULTY SYNCRONIZATION
		3770A-27 3770A-28	SEP76 WO ALL SER.PREF REPL OF A21Q1 SEP76 WO ALL SER.PREF REPL OF A21R36
		3770A-29	WO SER BELOW 0441. PREF REPL OF A11R30
		3770A-30	MAR77 WN ALL SER. PREF REPL OF A23R5.
		3770A-31 3770A-32	MAR77 WN ALL SER.PREF REPL OF A23C1 & C2 MAR77 WO SER BELOW U-00430.MOD TO ENSURE SENDER MEASUREMENT FREQ=SLA ON SWITCH-ON
경찰 회에 보인 원칙 관측하는		3770A-33	APR77 WN ALL SER. INCORREC PN OF POWER SWITCH

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TUPTUO 923W

H CR13

	3770A-20 3770A-21 3770A-22 3770A-23 3770A-24 3770A-25 3770A-26 3770A-27 3770A-28 3770A-29 3770A-30 3770A-31 3770A-31 3770A-32 3770A-33 3770A-33	JUN76 WO ALL SER.PREF REPL OF FUSE FOR 230V OPERATION MAY76 WO ALL SER.PREF REPL OF A11R20 & A11R19 MAY76 WO SER BELOW U-00256.PREF REPL OF A4 RN2,RN3,RN4, & RN5 JUN76 WN ALL SER.PREF REPL OF HEAT SINKS ON A5/A6 JUN76 WN SER ABOVE U-00396.PREF REPL OF VOLTAGE SELECTOR SWITCH A23S1 JUN76 WO SER BELOW U-00381.PREF REPL OF A1CR1-CR10 SEP76 WO SER BELOW U-00400.MOD TO CORREC BLANKED DISPLAY CAUSED BY FAULTY SYNCRONIZATION SEP76 WO ALL SER.PREF REPL OF A21R1 SEP76 WO ALL SER.PREF REPL OF A21R36 WO SER BELOW 0441.PREF REPL OF A11R30 MAR77 WN ALL SER.PREF REPL OF A23R5. MAR77 WN ALL SER.PREF REPL OF A23C1 & C2 MAR77 WO SER BELOW U-00430.MOD TO ENSURE SENDER MEASUREMENT FREQ=SLA ON SWITCH-ON APR77 WN ALL SER.INCORREC PN OF POWER SWITCH JUL77 WN ALL SER.A39 ASSY REPLACEMENT
11/08/85 MODEL NUMBER	C LITERATURE C TYPE	PAGE 169 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
3770A	3770A-35 3770A-36 3770A-37A 3770A-38 3770A-39 3770A-40 3770A-41 3770A-42 3770A-42 3770A-43	JUN78 WN ALL SER.REC REPL P/N OF A15IC10,IC11,IC14, & IC15 OCT78 WO SER BELOW 1817U00503.PREFERRED REPL FOR LOUDSPEAKER LS1. SEP79 WN ALL SER.REC RETROFITTING INSTRUCTIONS FOR OPT 001 (+10DBM SWITCH). JUL79 WO SER BELOW 1905U00503.PREF REPL FOR POWER SUPPLY MODULE. APR80 WO SER 1905U00528 & BELOW.MOD TO IMPROVE A21 40KHZ TIMER ADJ RANGE APR80 WO ALL SER.PREF REPL FOR TRANSISTORS A31Q2,3,5,7,9,10,12,14,16,17,19 MAY80 WO ALL SER.PREF REPL OF 4-BIT BISTABLE LATCH, PN 1820-0876 JAN81 WO ALL SER.PREF REPL OF 4-LINE TO 10-LINE DECODER JAN84 WN ALL SER.PREF REPL OF 16 PIN IC SOCKET P/N 1200-0767 JUN84 WN ALL SER.PREF REPL OF ROTARY PULSE GEN MASSY A3
37708	OPER MAN	MAY76 03770-90011 JUL77 03770-90036* 8L 01 14 01 USE 3770B FICHE 03770-90044

MBLY		3770A-37A 3770A-38 3770A-39 3770A-40 3770A-41 3770A-42 3770A-43 3770A-44	SEP79 WN ALL SER.REC RETROFITTING INSTRUCTIONS FOR OPT OO1 (+10DBM SWITCH). JUL79 WO SER BELOW 1905U00503.PREF REPL FOR POWER SUPPLY MODULE. APR80 WO SER 1905U00528 & BELOW.MOD TO IMPROVE A21 40KHZ TIMER ADJ RANGE APR80 WO ALL SER.PREF REPL FOR TRANSISTORS A31Q2,3,5,7,9,10,12,14,16,17,19 MAY80 WO ALL SER.PREF REPL OF 4-BIT BISTABLE LATCH, PN 1820-0876 JAN81 WO ALL SER.PREF REPL OF 4-LINE TO 10-LINE DECODER JAN84 WN ALL SER.PREF REPL OF 16 PIN IC SOCKET P/N 1200-0767 JUN84 WN ALL SER.PREF REPL OF ROTARY PULSE GEN MASSY A3
R R7	37708	OPER MAN OPER MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 37708-1	MAY76 03770-90011
		3770B-2	MAR77 WN SER BELOW U-00116. IMPR OF 3DB CHECK FACILITY AT LCW OUTPUT LEVELS
		37708-3 37708-4 37708-5	MAR77 WO SER BELOW U-00126.PREF REPL OF A21R36 MAR77 WN SER BELOW U-00131.MOD TO IMPR NOISY GROUP DELAY PERFORMANCE AT HIGH TEMPERATURE
HASE DISPLAYS		37708-5 37708-6	MAR77 WA SER BELOW U-00131 MOD TO CORREC AVERAGING TIME OF RMS DETECTOR (WDT & -TONE MODES) MAR77 WA SER U-00131 TO U-00151 MOD TO STOP ERRATIC DISPLAY IN NOISE + TONE MODE WITH INPUT
		CONT'D 3770B-7	FREQUENCY = 1KHZ MAR77 WO SER BELOW U-00156.MOD TO STOP ERRONEGUS IMPULSE NOISE COUNT
		3770B-8 3770B-9	MAR77 WO SER BELOW U-DD166. ENSURING ENOUGH RANGE IN A12 RETRANSMISSION ADJUSTMENT
		3770B-10	APR77 WN ALL SER.INCORREC PN OF POWER SWITCH JUL77 WN ALL SER.A39 ASSY REPLACEMENT
		3770B-11	JUL77 WN ALL SER.A13 ASSY.REPLACEMENT
		37708-12A 37708-13	JUN78 WO SER BELOW U-00246.REC PROC TO INCREASE RECEIVER FREQ DISPLAY STABILITY DEC77 WN ALL SER.PREF REPL OF A34C5
		3770B-14A	JUL79 WA SER BELOW 1728U00246.MOD TO PREVENT OSCILLATIONS ON ASSY A31.
AY		3770B-15	JUN78 WN ALL SER.REC REPL P/N A15IC10,IC11,IC14 & IC15
		3770B-16 3770B-17A	DEC78 WN SER BELOW 1728U00311.PROC TO PREVENT SHORTING OF CAPS ON A23 ASSY.
O A6R4 INTENS		3770B-18	APR79 WA SER BELOW 1851U-00380.REC MOD TO IMPR PERF OF POWER SUPPLY APR79 WO SER BELOW 1851U-00361.REC MOD TO A31 INPUT AMP ASSY
24MC2, A24MC3		3770B-19	APR80 WO SER 2010U00506 & BELOW.MOD TO IMPROVE A21 40KHZ TIMER ADJ RANGE
		37708-20 77708-34	APRBO WO ALL SER.PREF REPL FOR TRANSISTORS A31Q2,3,5,7,9,10,12,14,16,17,19
SW (S7).		3770B-21 3770B-22	MAY80 WO ALL SER. PREF REPL FOR CAP A11C7 MAY80 WO ALL SER. PREF REPL OF 4-BIT BISTABLE LATCH, PN 1820-0876
		3770B-23	JAN81 WO SER 2045U00591 & BELOW MOD TO INSURE ENOUGH RANGE IN A11 20KHZ ADJ
		3770B-24	JAN81 WO ALL SER. PREF REPL OF A-LINE TO 10-LINE DECODER
		3770B-25 3770B-26	APR81 WN ALL SER. INSTR RACKMOUNT RETROFIT KIT
ERV NOTE		3770B-27	SEP82 WN ALL SER. PREF REPL OF PWR SUPPLY SWICH TRANS PART NUMBER 1854-0665 JAN84 WN ALL SER. PREF REPL OF 16 PIN IC SOCKET P/N 1200-0767
		3770B-28	JAN84 WN ALL SER.PREF REPL OF DIODES HP P/N 1910-0030 & 1910-0034
		37708-29 37708-30	JUN84 WN ALL SER.PREF REPL OF ROTARY PULSE GEN BASSY A3 JUN84 WN ALL SER.PREV MAINT TO MINIMISE POSS OF INTERM FAIL
5A PLUG-IN	3770B-020	SERV MAN SUPP	APR81 03770-90024 JUL81 03770-90049* 8L 01 14 03 USE 3770B-020 FICHE 03770-90075
		OPER & SERV MAN Man Change	JUL81 03770-90050 DEC81 03770-90075 8L 01 14 08 NOV81 03770-90050
	3771A	OPER MAN	APR78 03771-90001 JUL78 03771-90026* 8L 01 14 01 USE 3771A FICHE 03771-90034
		OPER MAN	MAR79 03771-90009 AUG80 03771-90034 8L 01 14 01
		MAN CHANGE	- JUN79-03771-90009

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	37708-25 37708-26 37708-27 37708-28 37708-29 37708-30	SEP82 WN ALL SER. PREF REPL OF PWR SUPPLY SWICH TRANS PART NUMBER 1854-0665 JAN84 WN ALL SER. PREF REPL OF 16 PIN IC SOCKET P/N 1200-0767 JAN84 WN ALL SER. PREF REPL OF DIODES HP P/N 1910-0030 & 1910-0034 JUN84 WN ALL SER. PREF REPL OF ROTARY PULSE GEN MASSY A3 JUN84 WN ALL SER. PREV MAINT TO MINIMISE POSS OF INTERM FAIL	400H
3770B-020	SERV MAN SUPP OPER & SERV MAN MAN CHANGE	APR81 03770-90024	400L
3771A	OPER MAN OPER MAN MAN CHANGE	APR78 03771-90001	401
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3771A	OPER & SERV MAN MAN CHANGE	JAN80 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016	4022A
3771A-001	OPER MAN OPER MAN MAN CHANGE OPER & SERV MAN MAN CHANGE	APR78 03771-90001	403A
377†A-002	OPER MAN OPER MAN MAN CHANGE OPER & SERV MAN MAN CHANGE	APR78 03771-90001	
3771A-003	OPER MAN OPER MAN MAN CHANGE OPER & SERV MAN MAN CHANGE	APR78 03771-90001	403B
3771A-004	OPER MAN OPER MAN MAN CHANGE OPER & SERV MAN MAN CHANGE	APR78 03771-90001	
3771A-005	OPER MAN SUPP SERV MAN SUPP	SEP78 03771-90\06 DEC78 03771-90031* 8L 01 14 01 USE 3771A-005 FICHE 03771-90034 DEC78 03771-90007 JAN79 03771-90032* 8L 01 14 02 USE 3771A-005 FICHE 03771-90041	

학생님은 그리 사람들의 작은 본인	보다 경기 보고는 그 사람이 되는 것 같아 살아 있다니다.	하루스타리 그리아를 하나 하루프리아(아니) 그는 나는 요리 아들을 하다.		and bushed bush bush belong a with a training of M
3771A-001	OPER MAN OPER MAN	MAR79 03771-90009 AUG80 0377	71-90026* 8L 01 14 01 USE 3771A-001 71-90034 8L 01 14 01	FICHE 03771-90034
	MAN CHANGE OPER & SERV MAN MAN CHANGE	JUN79 03771-90009 JAN80 03771-90016 AUG80 0377 JUN80 03771-90016	71-90041 8L 01 14 09	
37714-002	OPER MAN OPER MAN MAN CHANGE	MAR79 03771-90009 AUG80 0377	71-90026* 8L 01 14 01 USE 3771A-002 71-90034 8L 01 14 01	FICHE 03771-90034
	OPER & SERV MAN MAN CHANGE	JUN79 03771-90009 JAN80 03771-90016 AUG80 0377 JUN80 03771-90016	'1-90041 8L 01 14 09	
3771A-003	OPER MAN OPER MAN MAN CHANGE	MAR79 03771-90009 AUG80 0377	71-90026* 8L 01 14 01 USE 3771A-003 71-90034 8L 01 14 01	FICHE 03771-90034
	OPER & SERV MAN MAN CHANGE	JUN79 03771-90009 JAN80 03771-90016 AUG80 0377 JUN80 03771-90016	1-90041 8L 01 14 09	
3771A-004	OPER MAN OPER MAN	MAR79 03771-90009 AUG80 0377	71-90026* 8L 01 14 01 USE 3771A-004 71-90034 8L 01 14 01	FICHE 03771-90034
	MAN CHANGE OPER & SERV MAN MAN CHANGE	JUN79 03771-90009 JAN80 03771~90016 AUG80 0377 JUN80 03771-90016	'1-90041 8L 01 14 09	
3771A-005	OPER MAN SUPP SERV MAN SUPP	DEC78 03771-90007 JAN79 0377	71-90031* 8L 01 14 01 USE 3771A-005 71-90032* 8L 01 14 02 USE 3771A-005	FICHE 03771-90034 FICHE 03771-90041
	OPER MAN MAN CHANGE	MAR79 03771-90009 AUG80 0377 Jun79 03271-90009	1-90034 8L 01 14 01	
	OPER & SERV MAN MAN CHANGE	JANSO 03771-90016 AUG80 0377 JUNSO 03771-90016	1-90041 8L 01 14 09	
3771A-006	OPER & SERV MAN MAN CHANGE	JAN80 03771-90016 AUG80 0377 Jun80 03771-90016	1-90041 8L 01 14 09	
3771A-061	OPER MAN OPER MAN	MAR79 03771-90009 AUG80 0377	1-90026* 8L 01 14 01 USE 3771A-061	FICHE 03771-90034
	MAN CHANGE OPER & SEV MAN MAN CHANGE	JUN79 03771-90009 JAN80 03771-90016 AUG80 0377 JUN80 03771-90016	1-90041 8L 01 14 09	
3771A/B	SERV NOTE SET BELOW	OCT84		
	3771A/B-1 3771A-2A	NOV78 WN ALL SER.RETROFITTING IN MAR80 WN ALL SER.REC PROC FOR RE	ISTRUCT FOR PRINTER BD OPT 004. TROFITTING FOR JPT 001 (+10DBM SWIT	
	3771A/B-3	MAR79 WA SER BELOW 1806U-00114 (3771B) & 1806U-00119 (3771A) REC MO	D TO ASSY A33
	3771A/B-4A 3771A/B-5	AUG79 WA SEK BELOW 1926U.MOD TO AUG79 WN SER BELOW 1851U00123 (3	PREVENT GAIN HITS FROM CAUSING DROP 771A) & 1851U00120 (3771B).NEW CARR	OUTS YTNG HANDI F
	3771A/B-6A	MAY80 WO 3771A SER BELOW 1937UOC	1160 & 3771B SER BELOW 1937U00123.PR	EF REPL ET MAINS MODULE
	3771A/B-7 3771A/B-8	OCT79 WN ALL SER.RETROFITTING IN OCT79 WO ALL SER.PREF REPL OF SW	STRUCT FOR OPT 061	
	3771A/B-9A	MAR80 WN ALL SER TABLE OF LINK F	OSITIONS FOR 3771A, 3771B & OPTS	
	3771A/B-10	NOV79 WA 3771A:SER BELOW 1937UDD	160.3771B:SER BELOW 1937U00123.MOD	TO PREVENT POSSIBLE DEMOTE

		MAN CHANGE OPER & SERV MAN MAN CHANGE	JUN79 03771-90009 JAN80 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016
	3771A-005	OPER MAN SUPP SERV MAN SUPP OPER MAN MAN CHANGE	SEP78 03771-90006 DEC78 03771-90031* 8L 01 14 01 USE 3771A-005 FICHE 03771-90034 DEC78 03771-90007 JAN79 03771-90032* 8L 01 14 02 USE 3771A-005 FICHE 03771-90041 MAR79 03771-90009 AUG80 03771-90034 8L 01 14 01 JUN79 03771-90009
		OPER & SERV MAN MAN CHANGE	JANSO 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016
	3771A-006	OPER & SERV MAN MAN CHANGE	JAN&O 03771-90016 AUG80 03771-90041 8L 01 14 09 Jun80 03771-90016
LUG-IN	3771A-061	OPER MAN OPER MAN MAN CHANGE	APR78 03771-90001
		OPER & SEV MAN MAN CHANGE	JAN80 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016
	3771A/B	SERV NOTE SET BELOW 3771A/B-1 3771A/B-3 3771A/B-4A 3771A/B-5 3771A/B-6A 3771A/B-7 3771A/B-8 3771A/B-9A 3771A/B-10 CONT'D	OCT84 NOV78 WN ALL SER.RETROFITTING INSTRUCT FOR PRINTER BD OPT OO4. MAR80 WN ALL SER.REC PROC FOR RETROFITTING FOR JPT OO1 (+10DBM SWITCH) MAR79 WA SER BELOW 1806U-00114 (3771B) & 1806U-00119 (3771A).REC MOD TO ASSY A33 AUG79 WA SER BELOW 1926U.MOD TO PREVENT GAIN HITS FROM CAUSING DROPOUTS AUG79 WN SER BELOW 1851U00123 (3771A) & 1851U00120 (3771B).NEW CARRYING HANDLE. MAY80 WO 3771A SER BELOW 1937U00160 & 3771B SER BELOW 1937U00123.PREF REPL E1 MAINS MODULE OCT79 WN ALL SER.RETROFITTING INSTRUCT FOR OPT 061 OCT79 WO ALL SER.PREF REPL OF SWITCHES A38S1 & A40S1 MAR80 WN ALL SER.TABLE OF LINK POSITIONS FOR 3771A, 3771B & OPTS NOV79 WA 3771A:SER BELOW 1937U00160.3771B:SER BELOW 1937U00123.MOD TO PREVENT POSSIBLE REMOTE MODE MALFUNCTION

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3771A/B	SERV MOTE	SET BELOW		
	3771A/B-1		NOV78 WN	ALL SER.RETROFITTING INSTRUCT FOR PRINTER BD OPT 004.
	3771A-2A		MAR80 WN	ALL SER.REC PROC FOR RETROFITTING FOR JPT 001 (+10DBM SWITCH)
	3771A/B-3		MAR79 WA	SER BELOW 1806U-00114 (3771B) & 1806U-00119 (3771A) REC MOD TO ASSY A33
	3771A/B-4/	N	AUC79 WA	SER BELOW 1926U. MOD TO PREVENT GAIN HITS FROM CAUSING DROPOUTS
	3771A/B-5		AUG79 WN	SER BELOW 1851U00123 (3771A) & 1851U00120 (3771B).NEW CARRYING HANDLE.
	3771A/B-6		OW DBYAM	3771A SER BELOW 1937U00160 & 3771B SER BELOW 1937U00123.PREF REPL E1 MAINS MODULE
	3771A/8-7		OCT79 WN	ALL SER.RETROFITTING INSTRUCT FOR OPT 061
	3771A/B-8			ALL SER.PRZF REPL OF SWITCHES A38S1 & A40S1
	3771A/B-9		MARSO WN	ALL SER. TABLE OF LINK POSITIONS FOR 3771A, 3771B & OPTS
	3771A/B-10)	NOV79 WA	3771A:SER BELOW 1937U00160.3771B:SER BELOW 1937U00123.MOD TO PREVENT POSSIBLE REMOTE
	CONT'D			MODE MALFUNCTION
				그렇는 그림이에는 어느리에 어느로 들었다. 이 그리다리 나는 그는 아니는 그리다는 것이 있는 하지만 하는데 그는 아니는 아니는 사람들이 모르는데 그리다를 보는데 그는데 된다.

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3771A/B	3771A/B-11A 3771A/B-12 CONT'D	MAR80 WN ALL SER.RETROFIT INSTRUCTIONS FOR OPT 002 (LOOP HOLDING) DEC79 WO 3771A SER 1937U00165 & BELOW;3771B SER 1937U00123 & BELOW.PREF REPL OF ASSY A31 INPUT TRANSFORMER T1
	3771A/B-13 CONT [®] D	JANSO WA 3771A SER 2002U00175 & BELOW;3771B SER 1937U00123 & BELOW.MOD TO PREVENT LOSS OF DC LOOP HOLDING PATH WHEN MEAS/SPEAK SWITCH IS SET FM SPEAK TO MEAS
	3771A/B-14 3771A/B-15B CONT'D	JUN8O WA 3771A SER 2002U00180 & BELOW;3771B SER 1937U00123 & BELOW.MOD TO PREVENT POSS LOSS OF THE 2040HZ TRANSMISSION FREQ WHEN FREQ SHIFT IS SELECTED IN THE 3771A
	3771A/B-16 CONT'D	MARSU WA 3771A SER 2002U00175 & BELOW;3771B SER 1937U00128 & BELOW.INSTAL OF TRBLSHTG AID FOR HP-IB SECTION
	3771A/B-17 3771A/B-18A 3771A/B-19	APR80 WO ALL SER.PREF REPL OF PHASE-LOCKED LOOP IC'S JUL84 WN ALL SER.RETROFIT INSTRUCT FOR HP-IB OPT 005 JAN81 WA 3771A SER 2038U00250 & BELOW; 3771B SER 2046U00133 & BELOW.MOD TO PREVENT DECADE
	CONT'D 3771A/B-20	SELECT CODE (L1,L2,L3,L4) MAR81 WA 3771A SER 2107U00295 & BELOW; 3771B SER 2105U00138 & BELOW.MOD TO PREVENT POSSIBLE
	CONT'D 3771A/B-21	LOSS & BLANKING OF DROPOUTS DISPLAY AUG81 WA 3771A:SER 2121U00320 & BELOW;3771B:SER 2127U00148 & BELOW.MOD TO PREVENT POSSIBLE
	CONT'D 377A/B-22A CONT'D	RESETTING OF TRANS COUNTERS WHEN CHANGING CONTROL SW FM RUN TO STOP MAY82 WA 3771A:SER 2117U00380 & BELOW;3771B:SER2227U00163 & BELOW.MOD TO PREVENT HP-IB MALFUN IN PARALLEL POLL MODE
	3771A/B-23 3771A/B-24	JAN82 WA 3771A; SER 2148U00350; 3771B: SER 2206U00158, MOD TO PREVENT POSS PREV OF PHASE HTTS
	3771A/B-25 CONT'D	FEB82 WA HP-IB(OPT 005)ASSEM 03771-69041; DATOCODES BELOW 2013-14 MAY82 WO 3771A:SER 2217U00380 & BELOW; 3771B:SER 2227U00163 & BELOW.MOD TO ENSURE RANGE IN A35R53 AMPLITUDE ADJUST
	37718-26 3771A/B-28 CONT'D	MAY83 WO SER 2227UDD168 & BELOW.MOD TO PREV POSS COUNT ERROR JAN84 WA 3771A:SER 2332UDD450 & BELOW;3771B:SER 2227UDD173.MOD TO PREV INTERFERENCE AT LOW LEVELS WEHN PERF IMPULS NOISE MEASURENTS
	3771A/B-29 3771A/B-30 CONT'D	JAN84 WN ALL SER.PREF REPL OF DIODES HP P/N 1910-0034 JAN84 WA 3771A:SER 2402U00465 & BELOW;3771B:SER 2409U00188.POSS HP-IB HANG-UP CAUSED BY MAINS
	3771B-31 CONT'D	PWR TRANS FEB84 WA SER 2332U00183 & BELOW.POSS NOISE MEAS ERROR IN "NOISE" MODE WITH SIGN INPUT AT APPROX 5KHZ & -15DBM & C-MESSAGE FILTER SELECTED
3771B	3771A/B-32	JUL84 WN ALL SER.PREF REPL OF IC 1820-2037 & 1820-1486
7(10	OPER MAN OPER MAN MAN CHANGE	APR78 03771-90002 JUL78 03771-90027* 8L 01 14 01 USE 3771B FICHE 03771-90035 MAR79 03771-90010 MAY82 03771-90035 8L 01 14 01 SEE TITLE PAGE FOR OPTIONS COVERED JUN79 03771-90010
	OPER & SERV MAN MAN CHANGE	JAN80 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN30 03771-90016
37718001	OPER & SERV MAN MAN CHANGE	JAN8D 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016
37718-003	OPER & SERV MAN MAN CHANGE	JAN80 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016
3771B - 006	OPER & SERV MAN MAN CHANGE	JAN80 03771-90016 AUG80 03771-90041 8L 01 14 09 JUN80 03771-90016
3776A	OPER MAN SERV NOTE SET BELOW	MAY84 03776-90000 DEC84 03776-90025 8L 01 14 04
	3776A-1 CONT'D	NOV83 WA SER 2337UD0122 & BELOW. MOD TO PREV POSS KEYBO LED INTERACTION WHEN FRONT PANEL KEY IS DEPRESSED
	3776A-2 CONT'D	NOV83 WA SER 2330U00112(OPT 001) & BELOW.MOD TO PREV POSS RESIDUAL PHASE JITTER PROB WITH FILTER B (4HZ TO 300HZ)SELECTED

4061A-026 4061A-036 4061A~045 4061A-046 4062A 4062B 4063A 4064A 4081A 4081A-261 4081A-270 4081A-271 4081A-272 4081A-282 4083A

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PLUG-IN

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6 70-MHZ

IC8 EMP ON BD

N SWITCH S2

4085M

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3771B-006
                                   JAN80 03771-90016
              OPER & SERV MAN
                                                          AUG80 03771-90041 8L 01 14 09
              MAN CHANGE
                                   JUN80 03771-90016
3776A
              OPER MAN
                                   MAY84 03776-90000
                                                         DEC84 03776-90025 8L 01 14 04
               SERV NOTE SET BELOW
                                                          OCT85
                                   NOV83 WA SER 2337U00122 & BELOW. MOD TO PREV POSS KEYBO LED INTERACTION WHEN FRONT PANEL KEY
               3776A-1
               CONT D
                                            IS DEPRESSED
                                   NOV83 WA SER 2330U00112(OPT 001) & BELOW. MOD TO PREV POSS RESIDUAL PHASE JITTER PROB WITH
              3776A-2
                CONT D
                                            FILTER B (4HZ TO 300HZ) SELECTED
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11/08/85 **PAGE 172** MODEL 0 LITERATURE H/C H/C PART FICHE PART M FICHE PDP NUMBER TYPE DATE NUMBER LTVG DATE NUMBER *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3776A-3 NOV83 WA SER 2330U00112(OPT 001) & BELOW MOD TO PREV SPURIOUS INTERUPT OCCURING, CAUSING 3776A CONT'D ERROR 96 NOV83 WA SER 2330U00112(OPT 001) & BELOW. MOD TO IMPROV PERF WHEN CUNNING TRANST MEAS 3776A-4 NOV83 WA SER 2340U00132 & BELOW. MOD TO IMPROV PERF WHILE IN IDLE STATE -PSOPH MEASUR 3776A-5 3776A-6 NOV83 WA SER 2340U00132 & DELOW.SOFTWARE MOD TO PREV UNSTABLE SIGNATUR WHEN TRBLSHG ASSY A9 NOV83 WO ALL SER. WHERE THE PROTECT FUSES ARD LOCATED 3776A-7 JAN84 WA SER 2347U00152 & BELOW MOD TO PREV INTERMITT CORRUP OF NON VOLATILE MEMORY (NVM) 3776A-8 FEB84 WN ALL SER. SAVE PRE-PROG CONTENT OF VOLATILE MEMORY (NVM) PRIOR TO TRBLESHTG OR PERF CHEC 3776A-9 SEP84 WA SER 00422 & BELOW. MOD TO PREV POSS MULTIPL INTERUPTS FOR KEY BD CAUSING "ERRCR 104" 3776A-10B CONT'D TO BE DISPLY APR84 WA SER 2409U00162 & BELOW.EXCLUD U0126 TO 00131,00135 TO 00141 & 00150.POSS CLOCK 3776A-11A CONT D RECOVERY PROB CAUSED BY NOISE & JIYTER IN RECEIVER CLOCK EXTRACTION CIR FEB84 WA SER 2409U00162 & BELOW.FIRMWARE MOD TO ENHANCE INST SPEC & CORREC SOME SOFTWARE BUGS 3776A-12 JUN84 WN ALL SER.RETROFITT INSTRUC FOR DATA MEAS OPT 001 3776A-13B APR84 WA SER 2409U00162 & BELOW. SOFTWARE MOD TO PREV OCCASIONAL "ERROR 36" BEING DISPLY 3776A-14 CONT'D WHILE PERF BACK-TO-BACK ENVELOPE DELAY DIST MEAS IN THE MONITOR MODE AUG84 WA SER 2423U00202 & BELOW.SOFTWARE MOD CORREC BUG THAT PREV RUN OF CONTIN PULSE 3776A-15B JUNEA WA ALL SER. PREF REPL ANALOG SWICH IC HP P/N 1820-1971 3776A-16 3776A-17 JUN84 WN ALL SER. PREF REPL RAM HP P/N 1818-1718 JANSS WN SER 2444U00282 & BELOW. FREQ UPDATE INST FOR DATA MEAS OFT 001 3776A-18A SEP84 WN ALL SER. TEST PROG DATA CARTRIDGE (HP P/N 03776-10001) MOD 3776A-19 JAN85 WN SER 2444U00282 & BELOW.OPT 001 OLD ASSY 03776-6008 COMPAT WITH FIRMWARE REV 2501 3776A-20A 3776A-21A APR85 WN ALL SER. TEST PROG DATA CARTRIDGE (HP P/N 03776-10001) MOD-UPDATE TO REV C 3776A-22 MAR85 WA SER 2444U00292 & BELOW. FIRMWARE REV TO CHNG GEN IDLE CODE 37764-23 JUL85 WN ALL SER. TEST PROG DATA CARTRIDGE (HP P/N 03776-10001) MOD-UPDATE TO REV D 3776B OPER MAN APR84 03776-90003 DEC84 03776-90028 8L 01 14 04 MAN CHANGE OCT84 03776-90003 SERV NOTE SET BELOW **OCT85** 3776B-1 MGV83 WA SER 2338U00142 & BELOW.MOD TO PREV POSS KEYBO LED INTERATION WHEN FRONT KEY CONT'D IS DEPRESSED NOV83 WA SER 2330U00112(OPT 001) & BELOW. MOD TO PREV POSS RESIDUAL PHASE JITTER PROB WITH 37769-2 CONT'D FILTER B (4HZ TO 300HZ) SELECTED 3776B-3 NOV83 WA SER 2330000112(OPT 001) & BELOW. MOD TO PREV SPURIOUS INTERUPT OCCURING, CAUSING CONT'D ERROR 96 NOV83 WA SER 2330U00112(OPT 001) & BELOW. MOD TO IMPROV PERF WHEN CUNNING TRANST MEAS 3776B-4 NOV83 WA SER 2340U00152 & BELOW MOD TO IMPROV PERF WHILE IN IDLE STATE -PSOPH MEASUR 37768-5 NOV83 WA SER 2340U00152 & BELOW. SOFTWARE MOD TO PREV UNSTABLE SIGNATUR WHEN TRBLSHG ASSY A9 3776B-6 NOV83 WO ALL SER.PROT FUSE LOCATIONS 3773B-7 37768-8 JAN84 WA SER 2346U00182 & BELOW MOD TO PREV INTERMITT CORRUP OF NON VOLATILE MEMORY (NVM) 37/5B-9 FEB84 WN ALL SER. SAVE PRE-PROG CONTENT OF VOLATILE MEMORY (NVM) PRIOR TO TRBLESHTG OR PERF CHEC SEP84 WA SER 00422 & BELOW MOD TO PREV POSS MULTIPL INTERUPTS FOR KEY BD CAUSING "ERROR 104" 3776B-10B CONT'D TO BE DISPLY APR84 WA SER 2404U00243 & BELOW, EXCLUD 00229 TO 00241,00222 TO 00227,00217 & 00218. POSS 3776B-11A CONT'D CLOCK RECOVERY PROB CAUSED BY NOISE & JITTER IN RECEIVER CLOCK EXTRACTION CIR FEB84 WA SER 2404U00242 & BELOW FIRMWARE MOD TO ENHANCE INST SPEC & CORREC SOME SOFTWARE BUGS **37768-12** JUN84 WN ALL SER. RETROFITT INSTRUC FOR DATA MEAS OPT 001 3776B-13B APR84 WN SER 2408U00279 & BELOW, EXCLUD 00274,00272,00269,00268,00265,00264,800262.SOFTWARE 37768-14 CONT'D MOD TO PREV OCCASIONAL "ERROR 36" BEING DISPLAY WHILE PERF BACK-TO-BACK ENVELOPE CONT'D DELAY DIST MEAS MONITOR MODE AUG84 WA SER 2423U00462 & BELOW.SOFTWARE MOD CORREC BUG THAT PREV RUN OF CONT'N PULSE 37768-15B 3776B-16 JUN84 WA ALL SER. PREF REPL ANALOG SWICH IC HP P/N 1820-1971 37768-17 JUN84 WN ALL SER. PREF REPL RAM HP P/N 1818-1718 JAN85 WN SER 2437U00642 & BELOW-FREQ UPDATE INST FOR DATA MEAS GPT 001 3776B-18A 3776B-19 SEP84 WN ALL SER. TEST PROG DATA CARTRIDGE (HP P/N 03776-10001) MOD

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3776B
             3776B-20
                                SEP84 WN SER 2437U00642 & BELOW.OPT 001 OLD ASSY 03776-6008 COMPAT WITH FIRWARE REV 2431
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I DEFAME TUDIADUE DAD IN EMBRICE THOI OLEC & CORKET DOME DOLLMAKE HIRS JUN84 WN ALL SER-RETROFITT INSTRUC FOR DATA MEAS OPT 001 3776B-13B APR84 WN SER 2408U00279 & BELOW, EXCLUD 00274,00272,00269,00268,00265,00264,&00262.SOFTWARE MOD TO PREV OCCASIONAL "ERROR 36" BEING DISPLAY WHILE PERF BACK-TO-BACK ENVELOPE 37768-14 CONT'D CONT'D DELAY DIST MEAS MONITOR MODE AUG84 WA SER 2423U00462 & BELOW.SOFTWARE MOD CORREC BUG THAT PREV RUN OF CONTIN PULSE 37768-15B JUN84 WA ALL SER. PREF REPL ANALOG SWICH IC HP P/N 1820-1971 3776B-16 37768-17 JUN84 WN ALL SER. PREF REPL RAM HP P/N 1818-1718 3776B-18A JAN85 WN SER 2437U00642 & BELOW. FREQ UPDATE INST FOR DATA MEAS CPT 001 SEP84 WN ALL SER. TEST PROG DATA CARTRIDGE (HP P/N 03776-10001) MOD 3776B-19

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                                   SEP84 WN SER 2437U00642 & BELOW.OPT 001 OLD ASSY 03776-6008 COMPAT WITH FIRWARE REV 2431
3776B
               3776B-20
                                   APR85 WN ALL SER. TEST PROG DATA CARTRIDGE (HP P/N 03776-10001)MOD-UPDATE TO REV C
               3776B-21A
               3776B-22
                                   FEB85 WA SER 2437U00743 & BELOW. MOD TO PREV MEAS INACCUR IN TIMESLOT 24
               37768-23
                                   FEB85 WN SER 2437U00642 TO 00801.PREF REPL FOR PROMS A14U13 & A14U23
               3776B-24
                                   JUL85 WN ALL SER-TEST PROG DATA CARTRIDGE(HP P/N 03776-10001) MOD-UPDATE TO REV D
3777A
               OPER & SERV MAN
                                   MAR78 03777-90000
                                                          AUG83 03777-90025 8L 01 14 03 SEE TITLE PAGE FOR OPTIONS COVERED
               MAN CHANGE
                                   MAY83 03777-90000
               SERV NOTE SET BELOW
                                                         OCT84
                                   JAN84 WN SER 2309U00745 & BELOW. PREF REPL OF RELAYS
               3777A-18
               3777A-2A
                                   JUL83 WN ALL SER. PREF REPL FOR ASSY A4, A5, A5, A7, A8
               3777A-4
                                   AUG82 WA SER 2147U & BELOW. MOD TO ELIM RACE HAZ IN HP-IB HANDSHKNG ROUTINE
                                   JUL84 WN ALL SER. PREF REPL MAINS XFMR A9T1 & VLOTG REGLTR A9U1
               3777A-6
3779A
               OPER MAN
                                   JAN79 03779-90001
                                                          MAY82 03779-90026 8L 01 14 03
               MAN CHANGE
                                   MAY81 03779-90001
               SERV MAN
                                   SEP81 03779-90009
                                                          DEC81 03779-90034 8L 01 14 09 SEE TITLE PAGE FOR OPTION INFORMATION
               MAN CHANGE
                                   NOV81 03779-90009
               SERV NOTE SET BELOW
                                   MAR79 WA SER 1832U-00101 TO 1832U-00105, 1840U-00106 TO 1840U-00109 INCL, 1903U-00111 TO
               3779A-1
               CONT'D
                                             1903U-00115 & 1903U-00120.REC MOD TO IMPR PERF
               3779A-2
                                   MAR79 WA SER 1840U-00110 & BELOW.REC PROC TO IMPR PERF
                                   MAR79 WA SER 1840U-00110 & BELOW-REC MOD TO TRANSMITTER QD FILTER
               3779A-3
                                   APR79 WA SER 1904U-00135 & BELOW.REC MOD TO DIGITAL RECEIVER CLOCK EXTRACTION CIRC
               3779A-4
                                   MAY79 WO SER 1909U-00145 & BELOW-REC ADJ TO 12HZ & 40HZ SELECTIVE FILTERS
               3779A-6
                                   MAY79 WA SER 1909U-00145 & BELOW-REC MOD TO IMPR PERF OF SELF-TEST
               3779A-7
               3779A-9
                                   JUL79 WA SER 1915U00150 & BELOW MOD TO IMPROVE PERF.
               3779A-10
                                   AUG79 WA SER 1919UD0155 & BELOW. MOD TO PREVENT BREAKDOWN OF A32U2 AT SWITCH-ON
                                   FED84 WN ALL SER. MOD TO PREV POSS FAILURE OF A9U3
               3779A-11B
                                   NOV79 WA SER 1919U00160 & BELOW MOD TO A1 ASSY TO ALLOW NKT SOLID STATE SWITCHES TO BE RUN
               3779A-12
                CONT'D
                                            OFF +15V RATHER THAN -12V SUPPLIES
                                   OCT81 WO SER 1936U00185 & BELOW-PREF REPL OF RELAYS A1K1-K6; A8K1; A9K1-K5, K7, K9, K10; A31K1 AND
               3779A-13-S
                CONT'D
                                            A37K1-K4
                                   NOV79 WN SER 1936U00185 & BELOW. PREF REPL FOR ASSYS A1, A8, A9, A31, A35, A37
               3779A-14
                                   MARSO WA SER 1919U00175 & BELOW MOD TO PREVENT INTERMITTENT SINGLE CHANNEL INTERFACE OF WHILE
               3779A-15A
                                   RUNNING A-D MEASMTS
FEB80 WA SER 1919U00180 & BELOW.MOD TO PREVENT INTERMITTENT GVL MEASMTS WHEN RUNNING WET LINE
                CONT'D
               3779A-16
                CONT'D
                                             SYSTEMS
               3779A-17
                                   MARSO WA SER 1936U00180 & BELOW. MOD TO PREVENT ERRONEOUS RESULT DURING LOW LEVEL GAIN MEASMTS
               3779A-18A
                                   AUG80 WA SER 2003U00205 & BELOW. MOD TO IMPR REL OF POWER SUPPLY
               3779A-19
                                   AUG80 WO ALL SER. PREF REPL OF ENCODER IC 1820-1851
               3779A-20
                                   JAN81 WA SER 2003U00205 & BELOW.PROTECT AGAINST LOOP HOLDING CURRENTS
                                   JAN81 WA SER 2028U00225 & BELOW. MOD TO PREVENT POSS CORRUPTION OF NVM AT SWITCH ON
               3779A-21
                                   DEC82 WA SER 2005U & BELOW MOD TO SFTWARE TO REMOVE VAR BUGS & ADD DIAG SFTWARE PKG
               3779A-22A
               CONT'D
                                            SUPERCEDS -5 & -8
               3779A-23C
                                   OCT84 WN ALL SER. HOW TO BUILD SERV ACCESSY FOR PERF TESTS
               3779A-24
                                   AUG82 WN ALL SER. PREF REPL OF ROMS ON A23
               3779A-25
                                   NOV82 WA ALL SER. PREF REPL OF SHIFT REGISTER A15U27
               5//YA-26A
                                   JUL83 WO ALL SER.INTERMIT INCORREC OPER OF FRAME ALIGN MEAS
               3779A-27
                                   MAR83 WA ALL SER. MOD TO CURE A4 FILTER INSTABILITY AT LOW TEMP
               3779A-28
                                   JUL83 WO ALL SER. PREF REPL OF HORIZ SWEEP SYNC DRIVE IC A32 U2
                                   JAN84 WN ALL SER. IMPR SPECIF FOR SERV ACCESS (A1, SA2, SA3, AS4)
               3779A-29
               3779A-30
                                   SEP83 WN SLL SER. MOD TO IMPROV OUT-OF-BAND NOISE IMMUNITY
               3779A-31
                                   FEB84 WN ALL SER.PROT FUSE LOCATIONS
               3779A-32A
                                   SEP84 WN ALL SER.LIST OF 3779C/D ASSY REPL FOR OBS 3779A/B ASSY
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3779A-33

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JUL84 WN ALL SER. REC REAR PAN SUB-ASSY REPL

AUG84 WN ALL SER.REC REPL FOR A32 BD CRT DRIVE ASSY

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SER. THEF REPL OF ROMS ON AZS
3779A-25
                    NOV82 WA ALL SER. PREF REPL OF SHIFT REGISTER A15U27
3779A-26A
                    JUL83 WO ALL SER-INTERMIT INCORREC OPER OF FRAME ALIGN MEAS
3779A-27
                    MAR83 WA ALL SER. MOD TO CURE A4 FILTER INSTABILITY AT LOW TEMP
3779A-28
                    JUL83 WO ALL SER. PREF REPL OF HORIZ SWEEP SYNC DRIVE IC A32 U2
3779A-29
                    JAN84 WN ALL SER. IMPR SPECIF FOR SERV ACCESS (A1, SA2, SA3, AS4)
3779A-30
                    SEP83 WN SLL SER. MOD TO IMPROV OUT-OF-BAND NOISE IMMUNITY
3779A-31
                    FEB84 WN ALL SER. PROT FUSE LOCATIONS
3779A-32A
                    SEP84 WN ALL SER.LIST OF 3779C/D ASSY REPL FOR OBS 3779A/B ASSY
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11/08/85 **PAGE 174** MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P NUMBER C TYPE DATE NUMBER NUMBER DATE LTYG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3779A 3779A-33 JUL84 WN ALL SER.REC REAR PAN SUB-ASSY REPL 3779A-34 AUG84 WN ALL SER.REC REPL FOR A32 BD CRT DRIVE ASSY 3779A-36 FEB85 WN ALL SER. PREF REPL FOR TRANS Q4 & Q8 ON THE A29 ASSY 3779A-39 MAR85 WN ALL SER. INSTRU FOR RETROFIT THE 3779C/D A8 ASSY TO 3779A 3779A-45 JUL85 WN ALL SER.AZZ ASSY;3779C/D BD RETROFIT 37794-47 JUL85 WN ALL SER. I/O PROB WITH EPSON PRINTERS & THE PMA 3779A-001 OPER MAN JAN79 03779-90001 MAY82 03779-90026 8L 01 14 03 MAN CHANGE MAY81 03779-90001 37794-002 OPER MAN JAN79 03779-90001 MAY82 03779-90026 8L 01 14 03 MAN CHANGE MAY81 03779-90001 3779B OPER MAN JAN79 03779-90002 AUG80 03779-90027* 8L 01 14 03 USE 3779B FICHE 03779-90033 OPER MAN JUL81 03779-90008 MAY82 03779-90033 8L 01 14 03 MAN CHANGE SEP81 03779-90008 SERV MAN SEP81 03779-90009 DEC81 03779-90034 8L 01 14 09 SEE TITLE PAGE FOR OPTION INFORMATION MAN CHANGE NOV31 03779-90009 SERV NOTE SET BELOW **OCT85** MAR79 WA SER 1832U-00101 TO 1832U-00105, 1840U-00106 TO 1840U-00110 INCL, & 1903U-00111 TO 37792-1 CONTE 1903U-00116.REC MOD TO YMPR PERF 3779B-2 MAR79 WA SER 1840U-00110 & BELOH-REC MOD TO IMPR PERF MAR79 WA SER 1840U-00110 & BELOW.REC.MOD TO IMPR PERF 3779B-3 3779B-4 APR79 WA SER 1904U-00135 & BELOW. REC MOD TO IMPR PERF 37798-6 APR79 WO SER 1909U-00145 & BELOW.REC MOD TO THE 12HZ & 40HZ SELECTIVE FILTERS MAY79 WA SER 1909U00145 & BELOW MOD TO IMPROVE PERF DURING BASIC ANALOG SELF-TEST. 3779B-7 JUL79 WA SER 1915U00155 & BELOW. MOD TO IMPROVE PERF. 3779B-9 3779B-10 AUG79 WA SER 1919U00175 & BELOW MOD TO PREVENT BREAKDOWN OF A32U2 AT SWITCH-ON 3779B-11B FEB84 WN ALL SER. MOD TO PREV POSS FAILURE OF A9U3 NOV79 WA SER 1919U00160 & BELOW. MOD TO A1 ASSY TO ALLOW NKT SOLID STATE SWITCHES TO BE RUN 3779B-12 CONT'D OFF +15V RATHER THAN -12V SUPPLIES OCT81 WO SER 1941UD0220 & BELOW, PREF REPL OF RELAYS A1K1-K6; A8K1; A9K1-K5, K7, K9, K10; A31K1 AND 3779B-13A CONT'D A37K1-K4 3779B-14 NOV79 WN SER 1941U00220 & BELOW. PREF REPL FOR ASSYS A1, A8, A9, A31, A35, A37 3779B-15A MAR80 WA SER 1933U00206 & BELOW MOD TO PREVENT SINGLE CHANNEL INTERFACE OF WHILE RUNNING A-D CONT'D MEASMTS 3779B-16 FEB80 WA SER 1941U00216 & BELOW. MOD TO PREVENT INTERMITTENT GVL MEASMTS WHEN RUNNING WET LINE CONT'D SYSTEMS 3779B-17 MAR80 WA SER 1941U00225 & BELOW MOD TO PREVENT ERRONEOUS RESULT DURING LOW LEVEL GAIN MEASMTS 3779B-18 APR80 WN ALL SER.FIELD INSTALL OF 3779B OPT 002 INTO 3779B OPT 001 INSTRUMENTS 3779B-19A AUG80 WA SER 2005U00265 & BELOW. MOD TO IMPR REL OF POWER SUPPLY 3779B-20 AUG80 WO ALL SER. PREF REPL OF ENCODER IC 1820-1851 JAN81 WA SER 2015U00270 & BELOW.PROTECT AGAINST LOOP HOLDING CURRENTS 3779B-21 JAN81 WA SER 2024U00300 & BELOW MOD TO PREVENT POSS CORRUPTION OF NVM AT SWITCH ON 3779B-22 DEC82 WA SER 2005U & BELOW. MOD TO SFTWARE TO REMOVE VAR BUGS & ADD DIAG SFTWARE PKG 3779B-23A CONT'D SUPERCEDES -5 & -8 3779B-24 OCT81 WN INSTRUCTNS OF THE INSTALL OF 3779B OPT HO4 3779B-25C OCT84 WN ALL SER. HOW TO BUILD SERV ACCESSY FOR PERF TESTS 3779B-26 AUG82 WN ALL SER-PREF REPL OF ROMS ON A23 5//98-2/ NOV82 WA ALL SER. PREF REPL OF SHIFT REGISTER A15U27 3779B-28 MAR83 WA ALL SER. MOD TO CURE A4 FILTER INSTABILITY AT LOW TEMP 3779B-29 JUL83 WO ALL SER. PREF REPL OF HORIZ SWEEP SYNC DRIVE IC A32 U2 FEB84 WN ALL SER. IMPR SPEC FOR SERV ACCESSY (SA1, SA2, SA3, SA4) 3779B-30 3779B-31 SEP83 WN SLL SER. MOD TO IMPROV OUT-OF-BAND NOISE IMMUNITY 3779B-32 FEB84 WA ALL SER. PROT FUSE LOCATIONS

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NUMBER	C TYPE	DATE	NUMBER DATE	Number L	TVG			
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3779B	3779B-33A	SEP84 WN /	ALL SER.LIST OF 3	779C/D ASSY REPL FO	OR OBS 3779A/B	ASSY		
	37798-34 37798-35	JUL84 WN /	NLL SER.REC REAR	PAN SUB-ASSY REPL FOR A32 BD CRT DRIV				

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3779B	3779B-33A 3779B-34 3779B-35 3779B-37 3779B-38 3779B-39 3779B-42 3779B-48 3779B-48	SEP84 WN ALL SER.LIST OF 3779C/D ASSY REPL FOR OBS 3779A/B ASSY JUL84 WN ALL SER.REC REAR PAN SUB-ASSY REPL AUG84 WN ALL SER.REC REPL FOR A32 BD CRT DRIVE ASSY NOV84 WN ALL SER.RETROFIT OF OPT H10/103 FEB85 WN ALL SER.PREF REPL FOR TRANS Q4 & Q8 ON THE A29 ASSY FEB85 WN ALL SER.PREF ROM U31 & U41 REPL ON THE A24 ASSY APR85 WN ALL SER.INSTRU FOR RETROFIT THE 3779C/D A8 ASSY TO 3779B JUL85 WN ALL SER.A22 ASSY;3779C/D BD RETROFIT JUL85 WN ALL SER.I/O PROB WITH EPSON PRINTERS & THE PMA
37798-001	OPER MAN OPER MAN MAN CHANGE	JAN79 03779-90002 AUG80 03779-90027* 8L 01 14 03 USE 3779B-001 FICHE 03779-90033 JUL81 03779-90008 MAY82 03779-90033 8L 01 14 03 SEP81 03779-90008
3779B-002	SERV MAN SUPP OPER MAN SUPP	JUN80 03779-90003 DEC82 03779-90028 8L 01 14 01 JUN80 93779-90004 DEC82 03779-90029 8L 01 14 01
3779C	SERV MAN MAN CHANGE SERV NOTE SET BELOW 3779C-1A 3779C-2 3779C-3B 3779C-4 3779C-5C 3779C-6 3779C-7 3779C-8 3779C-10 3779C-11 3779C-12B 3779C-12B 3779C-15 3779C-18 CONT'D 3779C-19 3779C-20 3779C-21 3779C-24 CONT'D 3779C-24	APR83 03779-90014 APR83 03779-90014 OCT85 OCT85 OCT83 WN ALL SER.MOD TO IMPR COMPAT BET 3779C & 3779A FOR SINGLE CHNL LOOPING JUL82 WN SER 2144U & BELOW.MOD TO IMPR LOW LEVEL GAIN MEAS OCT83 WA SER 2215U & BELOW.PROTECT RELAYS AT SWITCH-ON JUL82 WA SER 2215U & BELOW.PROTECT RELAYS AT SWITCH-ON JUL82 WA SER 2215U00193 & BELOW.INCORREC PWR RATING ON TERMIAT RESISTORS OCT84 WN ALL SER.HOW TO BUILD SERV ACCESSY FOR PERF TESTS OCT82 WA SER 2235U00259 TO 2235U00273.MOD TO IMPR MNTG SECURIT OF MAINS AUXLIARY TRANS MAR83 WA SER 2135U00259 TO 2235U00273.MOD TO IMPR MNTG SECURIT OF MAINS AUXLIARY TRANS MAR83 WA SER 2135U00259 & BELOW.MOD TO CURE A4 FILTER INSTABILITY AT LOW TEMP NOV83 WN SER 2235U00269 & BELOW.MOD TO CURE WIRINGING ON PWR SUPLY FEB84 WN ALL SER.PROT FUSE LOCATIONS JUL84 WN SER 2235U00308 & BELOW.PREF REPL A1,A9,A15,A16,A18,A31,A33,A37 & REAR PAN ASSY FEB84 WN ALL SER.OPT 003).CONVER OF DIGTAL CLOCK 750 HMS UNBALANCED OUTPUT FEB84 WN ALL SER.IMPR SPEC FOR SERV ACCESSY (SA1,SA2,SA3,SA4) JAN84 WN SER 2308U00309 & BELOW.PREF REPL A1,A8,A9,A31,A37,A37 JUL84 WN SER 2308U00309 & BELOW.PREF REPL A1,A8,A9,A31,A37 JUL84 WN SER 2308U00308 & BELOW.PREF REPL A1,A8,A9,A31,A37 JUL85 WN SER 2413U0044 TO 2413U00438.PERF REPL FOR ASSY A1,A8,&A9 NOV84 WO SER 2413U0044 TO 2413U00438.PERF REPL FOR ASSY A1,A8,&A9 JAN85 WN SER 309 TO 403.IMPR RETURN LOSS MEAS PERF FEB85 WN SER 2413U00459 THRU 2447U00508.MOD TO PREV DISPLAY INACCUR DURING A-A OUTBAND SPURIOUS MEAS JUL85 WN ALL SER.I/O PROB WITH EPSON PRINTERS & THE PMA
3779Ь	OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW 3779D-1A 3779D-2 3779D-3B 3779D-4	MAY82 03779-90007 AUG82 03779-90032 8L 01 14 03 APR83 03779-90014 JUL83 03779-90039 8L 01 14 09 APR83 03779-90014 OCT85 OCT83 WN ALL SER.MOD TO IMPR COMPAT BET 3779D & 3779B FOR SINGEL CHNL LOOPING JUL82 WA SER 2146U & BELOW.MOD TO IMPR LOW LEVEL GAIN MEAS OCT83 WA 2213U & BELOW.PROTEC OF RELAY AT SWTCH-ON JUL82 WN SER 2213U00193 & BELOW.INCORREC PWR RATING ON TERMIATION RESISTORS

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3779D	3779D-5C	OCT84 WN ALL SER. HOH	TO BUILD SERV ACCESS	SY FOR PERF TESTS		
	3779D-6 3779D-7	OCTEZ WA SER 2234U &	BELOW. REC UPDATE OF	VERIF SOFTWARE		
	3779D-8	MAR83 WA SER 2235U002 MAR83 WA SER 2142U001	25 & RFLOW_MOD TO CL	IDE AA ETLITED THETAD	II OF MAINS AUXLIARY	TRANS
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3779D-1A	OCT83 WN	ALL SER. MOD	TO IMPR CO	MPAT BET 3779	D & 3779B FOR	SINGEL CHNL LOOPING
3779D-2	JUL82 WA	SER 2146U &	BELOW MOD	TO IMPR LOW L	EVEL GATH MEA	S
3779D-3B	OCT83 WA	2213U & BEL	OW.PROTEC O	F RELAY AT SW	TCH-ON	
3779D-4	JUL82 WN	SER 2213U00	193 & BELOW	-TNCORREC PUR	RATING ON TE	RMIATION RESISTORS
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7790	3779D-5C 3779D-6 3779D-8 3779D-9 3779D-10 3779D-11 3779D-12B 2779D-13 3779D-15 3379D-16 3779D-16 3779D-18 3779D-18 3779D-20 3779D-20 3779D-21 CONT'D 3779D-21 CONT'D 3779D-23 3779D-24 3779D-24 3779D-28 CONT'D	OCT84 WN ALL SER.HOW TO BUILD SERV ACCESSY FOR PERF TESTS OCT82 WA SER 2234U & BELOW.REC UPDATE OF VERIF SOFTWARE MAR83 WA SER 2235U00204 TO 2235U00208.MOD TO IMPR MNTG SECURIT OF MAINS AUXLIARY TRANS MAR83 WA SER 2142U00125 & BELOW.MOD TO CURE A4 FILTER INSTABILITY AT LOW TEMP NOV83 WN SER 2235U001294 & BELOW.MOD TO CURE "RINGING" ON PWR SUPLY FEB84 WN SER 2235U00199 & BELOW.MOD TO CURE "RINGING" ON PWR SUPLY FEB84 WN ALL SER.PROT FUSE LOCATIONS JUN84 WN SER 2235U00143 & BELOW.PREF REPL A1,A9,A15,A16,A18,A31,A33,A37 & REAR PAN ASSY JUN84 WN SER 2308U00333 & BELOW.MOD ALLOW CAS TEST WHEN SINGLE CHNL MODE FEB84 WN ALL SER.CONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.SONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.SONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.GONV OF DIGITAL CLOCK TO 750HMS UNBALANC OUTPUT FEB84 WN ALL SER.MOD SINGLE CHL I/O LOCK TO 750HMS UNBALANC OUTPUT FEB85 WN SER 2308U00333 & BELOW.PREF REPL A1,A9,A15,A16,A18,A31,A33,A37 & REAR PAN ASSY JUN84 WN ALL SER.GOND SINGLE CHL I/O LOOP LINK OCT84 WO SER 2436U00403 & BELOW.A9,K11 RELAY FAIL WHEN MEAS RETURN LOSS ON COMPLEX IMPED WET LINES JUL84 WN SER 235U00244 TO 2308U00319.NOTIF OF INCORREC VALUE FOR TX OUTPUT TERMIATION RESIS R17 ON ASSY A9 NOV84 WO SER 2414U00403 & BELOW.A35 ASSY-HEAT PROT FROM R1 MAINS THERMISTOR SEP84 WN SER 2441000344 TO 2414U00403.PERF REPL FOR ASSY A1,A8,&A9 NOV84 WN SER 244 TO 333.IMPR RETURN LOSS MEAS PERF FEB85 WN SER 044800439 THRU 2447U00514.MOD TO PREV DISPLAY INACCUR DURING A-A OUTBAND SPURIOUS MEAS
7700-000	37790-29	JUL85 WN ALL SER.I/O PROB WITH EPSON PRINTERS & THE PMA
7779D-001	OPER MAN	MAY82 03779-90007 AUG82 03779-90032 8L 01 14 03
779D-002	OPER MAN	MAY82 03779-90007 AUG82 03779-90032 8L 01 14 03
3779D-003	OPER MAN	MAY82 03779-90007 AUG82 03779-90032 8L 01 14 03
3780A	OPER MAN OPER & SERV MAN OPER MAN OPER MAN OPER & SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELOW 3780A-17B 3780A-18B CONT'D 3780A-28 3780A-29 CONT'D 37780A-30 37780A-31 CONT'D	JUL75 03780-90000 DEC75 03780-90025* 8L 01 14 01 USE 3780A FICHE 03780-90036 JUN77 03780-90008 AUG80 03780-90033* 8L 01 14 08 USE 3780A FICHE 03780-90048 MAR77 03780-90011 JUL77 03780-90036* 8L 01 14 01 USE 3780A FICHE 03780-90046 JUL79 03780-90021 OCT79 03780-90046* 8L 01 14 01 USE 3780A FICHE 03780-90049 MAR81 03780-90023 MAY82 03780-90048 8L 01 14 09 SEE TITLE PAGE FOR OPTIONS COVERED FEB82 03780-90023 JUL83 03780-90049 8L 01 14 01 OCT85 FEB85 WN ALL SER.RETROFIT KIT INSTRU OPT 100 JUN85 WN SER 1804U00523 & BELOW.RETROFIT KIT TO INCORPORATE EQUALISER & ATTEN IN EXISTING OPT 100 JAN84 WN ALL SER.MOD TO PREV PWR SUPPLY FAILURE JUN84 WN OPT 100:SER 1804U00523 & ABOVE; OPT 101; SER 1915U00976 & ABOVE; ALSO OPT 103 OR 104. MOD TO PREV SYNC LOSS IN BINARY MODE JAN85 WO OPT 100 & 101.PREF REPL FOR A13Q5 & A13Q6 MAY85 WA SER 2224U02486 TO 2224U03100 & 2449U03101 TO 2449U03165.PREF REPL TO PREV FAIL OF A37 SYSTEMATIC ERROR DETECTOR & A38 ERROR COUNTER/CONTROL LOGIC BD
37808	SERV NOTE SET BELON	nakaparangan na mangasari sa masarangan sa mpakarangan na pangan na mangan pagan pasarangan kangaranga sa 1. p Pangan pangangan na mangasari sa masarangan sa mangarangan na mangan na mangan pangan na mangarangan na panga

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3781A	OPER MAN SERV MAN SERV NOTE S 3781A-1 3781A-2 3781A-3	NOV83 0: ET BELOW NOV81 W FEB83 W	3781-90017 APR84 Jul83	03781-90042 8L For A25R1 Prev Subsequent	01 14 01 01 14 04 PWR SUPLY FAI OF INTERMITTEN	LURE T FAILURE		

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3781A	OPER MAN SERV MAN SERV NOTE SET BELOW	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01 NOV83 03781-90017 APR84 03781-90042 8L 01 14 04 JUL83
	3781A-1 3781A-2 3781A-3	NOV81 WO ALL SER PREF REPL FOR A25R1 FEB83 WO ALL SER.REC MOD TO PREV SUBSEQUENT PWR SUPLY FAILURE FEB83 WN ALL SER.PREV MAIN TO MINIMISE POS OF INTERMITTENT FAILURE
3781A-001	OPER MAN	APR81 03781-90010 0CT81 03781-90035 8L 01 14 01
3781A-002	OPER MAN	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01
3781A-061	OPER MAN	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01
3781A-062	OPER MAN	APR81 03781-90010 0CT81 03781-90035 8L 01 14 01
3781B	OPER MAN MAN CHANGE SERV MAN	JUL80 03781-90001 MAY82 03781-90026 8L 01 14 01 SEE TITLE PAGE FOR OPTIONS COVERED JUL81 03781-90001 JUL83 03781-90003 APR84 03781-90028 8L 01 14 05
	SERV NOTE SET BELOW 3781B-1 3781B-2 3781B-3 3781B-4 3781B-5 3781B-6 3781B-7	JUL84 JAN81 WO SER 2049U & BELOW.MOD TO PREV POSS PWR SUPPLY FAILURE AT HI TEMP JAN81 WO SER 2049U & BELOW.REC REPL OF 15V RECT DIODES A30CR26-29 AUG81 WN ALL SER REPL FOR AUXILLIARY XFMR NOV81 WA SER 2049U00201 & BELOW.RED OF PWR DISSIPTN OF A25R1 FEB83 WO ALL SER.REC MOD TO PREV SUBSEQUENT PWR SUPLY FAILURE JAN84 WO ALL SER.WHERE THE PROTECT FUSES ARE LOCATED FEB84 WO ALL SER.INCORREC DATA GENERAT ON DSK-1 & DSX-1C RATES
3782A	OPER MAN SERV MAN SERV NOTE SET BELOW 3782A-2 37782A-3 3782A-4 3782A-5	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01 MAR84 03782-90013 DEC84 03782-90038 8L 01 14 04 JUL85 FEB83 WN ALL SER.PREV MAIN TO MINIMISE POS OF INTERMITTENT FAILURE JAN84 WO ALL SER.WHERE THE PROTECT FUSES ARE LOCATED JAM84 WO ALL SER.MOD TO PREV PWR SUPPLY FAILURE JAN85 WO ALL SER.PREF REPL FOR A32Q12 & A32Q13
3782A-001	OPER MAN	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01
3782A-002	OPER MAN	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01
3782A-061	OPER MAN	APR81 03781-90010 OCT81 03781-90035 8L 01 14 01
3782A-062	OPER MAN	APR81 03781-90010 0CT81 03781-90035 8L 01 14 01
37826	OPER MAN MAN CHANGE SERV MAN MAN CHANGE SERV NOTE SET BELOW 37828-1	JUL80 03781-90001 MAY82 03781-90026 8L 01 14 01 SEE TITLE PAGE FOR OPTIONS COVERED JUL81 03781-90001 FEB83 03782-90003 JUL83 03782-90028 8L 01 14 05 APR83 03782-90003 JUL84 JAN81 WO SER 2049U & BELOW.MOD TO PREVENT POSS PWR SUPPLY AT HI TEMP
	3782B-2A 3782B-3 3782B-4 3782B-5 3782B-6 3782B-7	SEP83 WO SER 2218U00266 & BELOW.PREF REPL OF A32 ASSY AUG81 WN ALL SER REPL FOR AUXILLIARY XFMR NOV81 WA SER 2123U00201 & BELOW.RED OF PWR DISSIPTN OF A25R1 FEB83 WO ALL SER.REC MOD TO PREV SUBSEQUENT PWR SUPLY FAILURE OCT83 WN SER 2310U00396 & BELOW.PREF REPL OF REFER SEQUENC GEN A35 ASSY JAN84 WO ALL SER.WHERE THE PROTECT FUSES ARE LOCATED

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	37828-5 37828-6 37828-7	FEB83 WO ALL SER.REC MOD TO PREV SUBSEQUENT PWR SULLY FAILURE OCT83 WN SER 2310U00396 & BELOW.PREF REPL OF REFEF SEQUENC GEN A35 ASSY JAW84 WO ALL SER.WHERE THE PROTECT FUSES ARE LOCATED
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3782B	3782B-8	FEB84 WN SER 2341U00491 & BELOW.MOD TO RETROFIT "DSK-3 MON" FACILITY
3783A	SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELO 3783A-1 3783A-2	AUG80 03783-90000 MAY82 03783-90025 8L 01 14 03 FEB81 03783-90000 JAN80 03783-90001 APR80 03783-90026 8L 01 14 01 0CT82 JUL82 WA SER 1947U00151 & BELOW POS INSTRU MALFUNC IN NOISY ENVIRON WHEN OPT 002 IS FITTED

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	3732B- <i>(</i>			OCT83	WN	SER	231000039	6 & BELOW	.PREF R	EPL OF	REFEF	SEQUENC	GEN	A35	ASSY
- 13 - 14	3782B-7	7		JAN84	MO	ALL	SER. WHERE	THE PROT	ECT FUS	ES ARE	LOCATE	•D			-

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PAGE 178 LITERATURE H/C H/C PART FICHE FICHE PART M TYPE NUMBER DATE DATE LTVG NUMBER *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3782B-8 FEB84 WN SER 2341U00491 & BELOW MOD TO RETROFIT "DSK-3 MON" FACILITY SERV MAN AUG80 03783-90000 MAY82 03783-90025 8L 01 14 03 MAN CHANGE FEB81 03783-90000 OPER MAN JAN80 03783-90001 APR80 03783-90026 8L D1 14 01 SERV NOTE SET BELOW **OCT82** JUL82 WA SER 1947U00151 & BELOW.POS INSTRU MALFUNC IN MOISY ENVIRON WHEN OPT DOZ IS FITTED 3783A-1 3783A-2 JUL82 WN ALL SER. PREF REPL FOR RECHARGEL BATTERY SERV MAN AUG80 03783-90000 MAY82 03783-90025 8L 01 14 03 MAN CHANGE FEB81 03783-90000 OPER MAN JAN80 03783-90001 APR80 03783-90026 8L 01 14 01 OPER MAN NOV81 03785-90004 MAR82 03785-90029 8L 01 14 01 SEE TITLE PAGE FOR OPTIONS LISTED SERV MAN DEC82 03785-90010 MAR83 03785-90035 8L 01 14 06 SERV NOTE SET BELOW JUL85 3785A-1 APR82 WA SER 2128U90116 & BELOW-MOD TO LIMIT BIAS ON CAPACITOR A36C1,C2,(&C3 FOR OPTDO1) SEP82 WO SER 2226U00210 & BELOW. IMPR IN SYNTH BUFFER LOADING 3785A-2 NOV82 WO SER 2208U00131 & BELOW. MOD TO PREV PWR SUPPLY OSCIL WHEN A30C29, C30 ARE REPLACED 3785A-3 NOV82 WO SER 2226U00229 & BELOW MOD TO PREV POS LATCH-UP OF CLOCK TRANSITION DETECTOR 3785A-4 NOV82 WA SER 2226U00229 & BELOW. MOD TO PREV 34MHZ VCO INSTABILITY 3785A-5 3785A-6 DEC82 WA SER 2226U00237 & BELOW PREV POS DAMAGE TO A35U27 JAN83 WO ALL SER. PREF REPL FOR A30 Q9 & Q10 3785A-7 3785A-8 FEB83 WG ALL SER.REC MOD TO PREV SUBSEQUENT PWR SUPLY FAILURE 3785A-9 JAN84 WO ALL SER. PREF REPL FOR A35U2 MAY84 WO SER 2244U & BELOW. RED OF DISPLAY RESIDUAL JITTER IN THRU DATA MODE 3785A-10 APR84 WN ALL SER. MOD TO PREV PROCESSOR RAM FAILURES 3785A-11 APR84 WO ALL SER.PROC FUSE LOCATIONS
OCT84 WO SER 2402U & BELOW.REC RECESSOR RAM SOCKE 3785A-12 3785A-13 3785A-14 FEB85 WN ALL SER.RETROFIT INSTRU FOR OPT 062 3785A-15 FEB85 WN SER 2409U & BELOW. PREF REPL FOR ROTORY PULSE GEN 3785A-16 FEB85 WN ALL SER. PREF REPL FOR A11U33 SERV MAN FEB83 03785-90011 JUL83 03785-90036 8L 01 14 06 SERV NOTE SET BELOW **OCT85** APR82 WA SER 2131U00111 & BELOW. MOD TO LIMIT BIAS ON CAPACITOR A36C1, C2, C3 SEP82 WO SER 2216U00130 & BELOW. IMPR IN SYNTH BUFFER LOADING 3785B-1 3785B-2 NOV82 WO SER 2212U00121 & BELOW. MOD TO PREV PWR SUPPLY OSCIL WHEN A30C29, C30 ARE REPLACED 3785B-3 37858-4 NOV82 WA SER 2228U00145 & BELOW. MOD TO PREV DS3 RECEIVER VCO INSTABILITY 37858-5 DEC82 WA SER 2228U00156 & BELOW. PREV OF POS DAMAGE TO A35U27 37858-6 JAN83 WO ALL SER. PREF REPL FOR A30 Q9 & Q10 FEB83 WO ALL SER.REC MOD TO PREV SUBSEQUENT PER SUPLY FAILURE 3785B-7 37858-8 JAN84 WO ALL SER. PREF REPL FOR A35U2 MAY84 WO SER 2248U & BELOW. RED OF DISPLAY RESIDUAL JITTER IN THRU DATA MODE 3785B-9 3785B-10 APR84 WN ALL SER. REC REPL PROCESSOR RAMS TO PREVENT FAIL 3785B-11 APR84 WO ALL SER. PROC FUSE LOCATIONS 3785B-12 OCT84 WC SER 2402U & BELOW-REC REOCESSOR RAM SOCKETS 3785B-13 FEB85 WN ALL SER.RETROFIT INSTRU FOR OPT 062 APR85 WN SER 2408U & BELOW-REC REPL FOR ROTORY PULSE GENERATOR 3785B-14 SERV MAN JUN75 03790-90000 SEP77 03790-90025 8L 01 14 03 AUG77 03790-90000 MAN CHANGE SYSTEM SERV MAN JAN75 03790-90001 SEP77 03790-90026 8L 01 14 02 MAN CHANGE DEC76 03790-90001

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 179 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
3790A	SERV NOTE SET BELOW 3790A-1 3790A-2 3790A-3 3790A-4A 3790A-5 3790A-6 3790A-7 3790A-8	을 하는 않아도 일반하는 것이 되었는데 나를 살 보면 하는데 되었다. 그는데 무엇을 하는데 된다면 하는데 살을 수 하는 일반한 하는데 하는데 되었다는데 살살이다는데 살살이다. 그는데 얼마나 나를 하는데 살살이다.	

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 179 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5790A	SERV NOTE SET BELOW 3790A-1 3790A-2 3790A-3 3790A-4A 3790A-5 3790A-6 3790A-7 3790A-8 3790A-9	JUL80 MAR76 WA SER BELOW 1450U00111.MOD TO IMPR GROUP DELAY RESPONSE AT 83A KHZ MAR76 WA SER BELOW 1450U00116.FIXED OSCIL MODULATION SENSITIVITY ADJUSTMENTS MAR76 WA SER BSLOW 1450U00176.IMPR IF FREQ STB JAN78 WO ALL SER.PREF REPL FOR A15CR23 NOV77 WO ALL SER.PREF REPL FOR A9C6 NOV77 WO ALL SER.PREF REPL FOR A1MC1,A2MC1,A31MC1,A11MC2,A11MC3,A12MC1,A12MC2 & A13MC8 JAN78 WA SER BFLOW 1741U00156.UNDERRATED RES IN PWR SUPPLY ASSY A15R33 JAN78 WN SER BELOW 1625U00121.REMOVAL OF +15V & -15V RECT FM A15 PC BD TO REDUCE TEMP ON BD WAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071)
3791A	SYSTEM SERV MAN MAN CHANGE OPER INSTR SERV MAN MAN CHANGE SERV NOTE SET BELOW 3791A-1 3791A-2 3791A-3 3791A-4 3791A-5 3791A-6	JAN75 03790-90001 SEP77 03790-90026 &L 01 14 02 DEC76 03790-90001 JAN00 03790-90002 JUL75 03790-90027 &L 01 14 01 NOV74 03791-90000 SEP77 03791-90025 &L 01 14 03 MAR76 03791-90000 JUL80 MAR76 WA SER BELOW 1450U00111.MOD TO IMPR EXT BB INPUT FREQUENCY RESPONSE MAR76 WO ALL SER.PREF REPL FOR PHASE SENSI DETECTOR ASSEMBLY APR76 WO ALL SER.MOD TO STOP NOISE & OSCIL APR76 WO SER BELOW 1450U00111.PREF REPL A7R4 NOV77 WO ALL SER.PREF REPL FOR A1MC1 MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071)
3791B	SERV MAN MAN CHANGE SYST SERV MAN SERV HOTE SET BELOW 57918-1 37918-2 37918-3	JUL79 03791-90001 AUG83 03791-90026 8L 01 14 02 SEE TITLE PAGE FOR LIST OF OF (IONS MAY83 03791-90001 SEP79 03711-90001 JAN80 03711-90026 8L 01 14 02 APR83 MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071) OCT82 WN ALL SER.RETROFIT PROC FOR OPT 210,211,212 & 221 OCT82 WO SER 1910U00341 & BELOW.PREF REPL FOR AMPLF A8MC1
3792A	SYSTEM SERV MAN MAN CHANGE PER INSTR SERV MAN MAN CHANGE SERV NOTE SET BELOW 3792A-1 3792A-2 3792A-3 3792A-4 CONTD 3792A-5	JAN75 03790-90001 SEP77 03790-90026 8L 01 14 02 DEC76 03790-90001 JAN00 03790-90002 JUL75 03790-90027 8L 01 14 01 OCT75 03792-90000 NOV78 03792-90025 8L 01 14 05 MAY78 03792-90000 JUL8G MAR76 WO SER BELOW 1450U00116.PREF REPL FOR A6C4 & A6C8 AUG76 WO ALL SER.PREF REPL FOR A23MC2 NOV77 WO ALL SER.PREF REPL FOR AZ4C20 NOV77 WO ALL SER.PREF REPL FOR AZMC17, AZMC19, AZMC25, AZMC26, AZMC28, A3MC3, A4MC1, A4MC5, AZZMC1,
3793A	SYSTEM SERV MAN MAN CHANGE OPER INSTR SERV MAN MAN CHANGE SERV NOTE SET BELOW 3793A-1	JAN75 03790-90001 SEP77 03790-90026 8L 01 14 02 DEC76 03790-90001 JAN00 03790-90002 JUL75 03790-90027 8L 01 14 01 NOV74 03793-90000 JUL75 03793-90025 8L 01 14 02 MAY75 03793-90000 JUL83 MAR80 WO ALL SER.PREF REPL FOR MPN TRANS (1854-0071)
793B	SERV MAN	JUL79 03793-90001 AUG83 03793-90026 8L 01 14 02 SEE TITLE PAGE FOR LIST OF OPTIONS

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3793B	SYST SERV MAN SERV NOTE SET BELGW 3793B-1 3793B-2 3793B-3 3793B-4 3793B-5	SEP79 03711-90001 JAN80 03711-90026 8L 01 14 02 JAN84 MAR80 WO ALL SER.PREF REPL FOR NPN TRANS (1854-0071) OCT81 WO SER BELOW 00256 PREF REPL FOR A3E1 12.140 MHZ TCX0 OCT82 WN ALL SER.RETROFIT PROC FOR OPT 210,211,212 & 221 FEB83 WC SER 2309U00446 & BELOW.MOD TO PREV POSS DEGRADATION OF AM TO PM PERF OCT83 WO SER 2309U00456 & BELOW.MOD TO REDUCE RIPPLE ON DIFF PHASE DISPLAY AT LOW SIG LEVEL
3800A	OPER MAN SERV MAN	JANOD 03800-90007 JUL74 03800-90057 [7] 09 02 JANOO 03800-90013 JUL74 03800-90063 01 09 03

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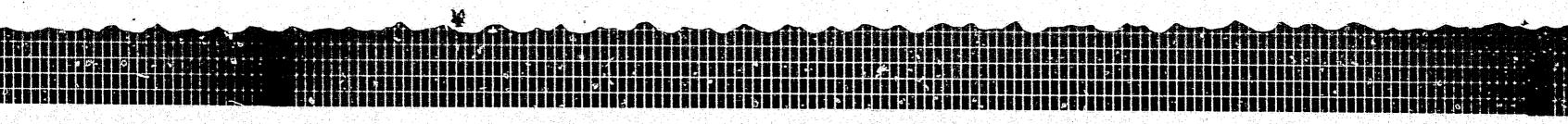
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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON ***	NUMBER	L	T	V	G)N ★☆★	PAGE 180 DESCRIPTION *** DESCRIPTION ***
3793B	SYST SERV MAN SERV NOTE SET BELGW	SEP79	03711-90001	JAN80	03711-90026				ja i r		
	37938-1 37938-2 37938-3 37938-4 37938-5	OCT81 OCT82 FEB83	WO ALL SER.PRE WO SER BELOW O WN ALL SER.REY WC SER 2309U00 WO SER 2309U00	0256 PR ROFIT P 446 & B	FOR NPN TRANS EF REPL FOR A ROC FOR OPT 2 ELOW.MOD TO P	3E1 10, REV	12, 211, FO	.140 ,212 SS I) MH 2 & DEGR	221 ADATT	ON OF AM TO PM PERF FF PHASE DISPLAY AT LOW SIG LEVEL
3800A	OPER MAN SERV MAN		03800-90007 03800-90013		03800-90057 03800-90063			09 09			
3900s	OPER MAN OPER MAN SERV MAN	JAN77	03800-90004 03800-90005 03800-90013	SEP83	03300-90051* 03800-90055 03800-90063		01	09 09 09	02	USE 3	800B FICHE 03800-90055
3801A	OPER MAN SERV MAN		03800-90007 03800-90013		03800-90057 03800-90063			09 09			
3801A/B	SERV NOTE SET BELOW 3801A/B-1 3801A/B-2 3801A/B-3 3801A/B-4 3801A/B-5A 3801A/B-6 3801A/B-7 1501A/B-8 3801A/B-9 3801A/B10	0CT72	NOT AVAILAB NOT AVAILAB NOT AVAILAB NOT AVAILAB WO SER 1149A01 WO ALL SER.REC NOT AVAILAB NOT AVAILAB NOT AVAILAB NOT AVAILAB	LE LE 201 & U REPL O LE LE LE	P.REC REPL FO F PWR UNIT ME	TER	S	-009)2 L	EAD-G	EL BATTERIES
3801B	OPER MAN OPER MAN SERV MAN	JAN77	03800-90004 03800-90005 03800-90013	SEP83	03800-90051* 03800-90055 03800-90063		01	09 09 09	02	USE 3	801B FICHE 0380G-90055
3805A	OPER MAN OPER MAN		03805-90001 03805-90002		03805-90051* 03805-90052		01 01	09 09	02 01	USE 3	805A FICHE 03805-90052
3810A	SERV HAN	MAR80	03810-90011	APR85	03810-90061	8L	01	09	06		
382A		JUL80	00382-90024 00382-90029 00382-90037	AUG80	00382-90031* 00382-90038	8L	01	04	01	USE 3 USE 3	82A FICHE 00382-90031 82A FICHE 00382-90038
		NOV68 JUN69	CALIB + ALI WN ALL SER.RES	GN PROC	EDURE	oc					
3820A	SERV MAN Man Change	NOV79	03820-90010 03820-90010		03820-90060		01	09	05		
393A			00393-90005 00393-90005	SEP77	00393-90006	8L	01	04	01		
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4277A	OPER & SER MAN CHANGE MAN SUPPL SERV NOTE 4277A-6
4277A-H03	OPER & SER
4277A-H04 428A	OPER & SER OPER & SER SERV NOTE 428A-1 428A-2C
4288	OPER & SER OPER & SER MAN CHANGE SERV NOTE 4288-1 4288-2
4280A	OPER & SER OPER & SER MAN C:ANGE OPER NOTE MAN SUPP SERV NOTE 4280A-7
4282A	OPER & SER OPER & SER OPER & SER SERV NOTE 4282A-6
430A	OPER & SER
4306	OPER & SER SERV NOTE 4308-1 4308-28
430C	OPER & SER MAN CHANGE SERY NOTE 430C-2B

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394A	394A-1	*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
		FEB70 WN SER 1834 + UP.ABSOLUTE ACCURACY SPECIFICATION CORRECTION
3950	SERV NOTE SET BELOW 3950A/B-1 3950/3955-1 3950/3955-2 3950A/B-2 3950-3 3950-4/3955-6 3950-5/3955-8	MAY78 FEB68 PREVENTIVE MAINTENANCE OF CONTACTS APR67 RECOMMENDED NOISE FILTER MAR68 REC TEST EQUIP.SERV TOOLS. & ACCESSORI MAR70 INTERCHNG OF 3540 DIRECT RECRD & 3543 DIRECT REPRODUCE AMPLER & THEIR EQUALZR INSERMAR71 WO REPL LEADS FOR 2 MHZ ANALOG RECORDER JUN71 WN SER BELOW 1106.MOD TO STOP DESTRUCTION OF RECORDED DATA JAN72 WN SER BELOW 10404.NEW MICROPHONE ASSY
3950a	OPER & SERV MAN	APR68 03950-90012 JAN82 03950-90067 BL 01 11 02
3950A-011	MAN SUPP	NOV70 03950-90019 JAN82 03950-90069 8L 01 11 01
3950B	OPER & SERV MAN	APR68 03950-90012 JAN82 03950-90062 8L 01 11 02
39508-011	MAN SUPP	NOV70 03950-90019 JAN82 03950-90069 8L 01 11 01
3955	SERV NOTE SET BELOW 3950/3955-1 3950/3955-2 3950-4/3955-6 3950-5/3955-8 3955A/B/C/D-1 9955-3 3955-4 3955-5	MAY78 APR67 RECOMMENDED NOISE FILTER MAR68 REC TEST EQUIP.SERV TOGLS.& ACCESSORI JUN71 WN SER BELCW 1106.MOD TO STOP DESTRUCTION OF RECORDED DATA JAN72 WN SER BELOW 1040A.NEW MICROPHONE ASSY FEB68 MAR71 WN INSTAL OF ED1 RECORD DISABLE SWITCH MAR71 WA SER BELOW 1104A-03463.MOD TO INHIBIT EXCESSIVE 120 HZ NOISE APR71 WN REPL PRTS ON PRIMARY CAPSTAN ASSY, & COMPLETE REPL OF SECONDARY CAPSTAN ASSEMBLY
3960	3960-2 3960-3A 3960-4 3960-5 3960-6A 3960-7 3960-8 3960-9B 3960-10A 3960-11A 3960-12A 3960-13 3960-15A 3960-15A 3960-15A 3960-17A 3960-18 3960-19 3960-20 3960A-21 3960A-22 3960A-23B 3960A-24	DEC69 WA CORRECTION OF MISMIRING DEC69 WA SER 00101 TO 00120 & 137.BIAS TRAP INDUCTOR RELOCATION AUG70 WA SER 00101 TO 00120 & 00122/25/26/37/38/39/41.CGRREC OF MISWIRING FEB70 WO SER 941MOD FOR IMPR FM RECRD PERF MAR70 WA SER 941MOD TO ELIM FALSE END-OF-TAPE SIGNAL JAN71 WA MOD TO IMPR REL OF A15 PWR SUPY CARD NOV70 WA SER BELOW 1030A00500.REC REPL FOR TRANSISTOR Q1 JAN71 WA SER BELOW 1040A0595 & -00597/599/601.REC A15 POWER SUPPLY RESISTOR CHANGE JUN73 WN ALL SER.RECOMMENDED SPARE PARTS JUL73 WN ALL SER.OPERATOR MAINTENANCE ROUTINE JUL73 WN ALL SER.PREV MAINTENANCE ROUTINE MAR78 WN SER BELOW 1006.INSTAL OF NEW BRAKES NOT AVAILABLE OCT73 WN ALL SER.PREV MAINTENANCE ROUTINE WAR72 WN SER 922A & UP.MOD 10 UP PWR OUTPUT SER 1332A & UP.MOD 10 UP PWR OUTPUT SER 1332A & UP.MPD REEL COVER HINGES NOT AVAILABLE OCT73 WN SER 134AA & UP.MED CONFIBURATION CROSS REFERENCE.SUPER 3960-13A OCT73 WN SER 134AA & UP.MED CONFIBURATION CROSS REFERENCE.SUPER 3960-13A OCT73 WN ALL SER.RCCD/REPWOD HEAD ADJ PROC NOV73 WN SER 1422A.OPT 050 (REMOTE CNTR) WIRING ERROR APR75 WO SER BELOW 1512A.SERVO AMP RELIB IMPR

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3960-8 3960-9B	JAN71 WA SER BELOW 104GA0595 & -00597/599/601.REC A15 POWER SUPPLY RESISTOR CHANGE
3960-10A	JUN73 WN ALL SER.RECOMMENDED SPARE PARTS JUL73 WN ALL SER.OPERATOR MAINTENANCE ROUTINE
3960-11A	JUL73 WN ALL SER.PREV MAINTENANCE ROUTINE
3960-12A	MAR78 WN SER BELOW 1006. INSTAL OF NEW BRAKES
3960-13 3960-14A	- NOT AVAILABLE OCT73 WN ALL SER.PROC FOR REPL OF CAPSTAN MOTOR TACHOMETER LAMP ASSEMBLY
3960-15A	OCT73 WN ALL SER. REPL OF CAPSTAN MOTOR ASSY
3960-16	MAR72 WN SER 922A & UP.MOD 10 UP PWR OUTPUT
3960-17A 3960-18	SER 1332A & UP. IMPR REEL COVER HINGES NOT AVAILABLE
3960-19	OCT73 WN ALL SER.OPTIONAL REWIRING OF EOT SWITCHES TO SERIES OCT73 WN SER 1330A & UP.7 PR BRAKE ASC PROC
3960-20	OCT73 WN SER 1344A & UP. NEW CONFIBURATION CROSS REFERENCE.SUPER 3960-13A
3960A-21	OCT73 NO ALL SER. ACCESS IN T. ADJ PROC
3960A-22 3960A-23B	NOV73 WN ALL SER.RCRD/REFROD HEAD ADJ PROC MAY75 WO SER BELOW 1344A.IMPR LO-SPEED FLUTTER PERFORMANCE
3960A-24	OCT74 WO SER 1422A.OPT 050 (REMOTE CNTR) WIRING ERROR
3960A-25	APR75 WO SER BELOW 1512A.SERVO AMP RELIB IMPR

PAGE 167 11/08/85 MODEL NUMBER SCRIPTION *** H 150MB/S NRZ 3960 3964A NS COVERED NE INTERFERENCE ATE ON TERNARY NS COVERED 5A & 5150A PRNTR 3964A-009 LN INTERFERENCE. ISTOR 3964A-010 3964A-021 IE & DATA 2040) 3968A 028

PAGE 182 LITERATURE H/C H/C PART FICHE FICHE PART M P C TYPE NUMBER DATE DATE NUMBER L T V 6 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 3960A-26 FEB76 WO SER BELOW 1605A.PROC FOR ADD DIODES FOR SERVO AMPLER PROTECTION 3960A-27 NOV76 WN SER 1418A & UP.NEW CONFIGURATH TABLE OPER & SERV MAN FEB84 03964-90007 MAY84 03964-90057 8L 01 11 07 SERV NOTE SET BELOW **OCT85** 39644-1/88644-1 JUL76 WO SER BELOW 1620A. MOD TO IMPR FM TAPE SERVO 3964A-2/8864A-2 JUL76 WO SER BELOW 1642A.1.5A LINE FUSE FOR 220/240 VAC 3964A-3/8864A-3 JUL76 WO SER BELOW 1625A.MOD OF +5V (A) REGLTR OCT76 WA SER 1620A00101 TO 1620A00114,1625A00116,-0118 TO -00131,-00133 TO -00137,-00139, 3964A-4/8864A-4 -00140,1629A00142 TO -00148,-00151,& -00154, MOD TO REWIRE RECRD/REPRODUCE HEADS CONT'D 3964A-5/8864A-5/ OCT76 WN SER BELOW 1629A. IMPR REEL MOTGRS 3968A-5/8868A-5 3964A-6A/8864A-6A/ AUG85 WN SER BELOW 1702A. IMPR PWR SWITCH 3968A-7A/8868A-7A 3964A-7/8864A-7/ APR77 WO ALL SER. CALIB OUTPUT SHORTS 3968A-8/8868A-8 3964A-8/8864A-8/ APR77 WN ALL SER. FET LEAD CONFIGURATION 3968A-9/8868-9 3964A-9/8864A-9 AUG77 UN ALL SER. OPERATOR INFORMATION 3964A-10 AUG77 NO SER 1714A00316-1714A00323.SIGNAL TO NOISE IMPRMT 3964A-11/3968A-11 JAN78 WN ALL SER. TROUBLESHOOTING TABLES NOV77 WN SER 1741A & UP. NEW ADJ PROC FOR OPT 021 RECORDERS 3964A-12 3964-13 JAN78 WN SER BELOW 1637A.FR BACKDATING SUPP 3964A-14 MAY78 WO SER 1715A THRU 1801A. MOD TO INCREASE A24F6 FUSE TO 2.5 AMPS JUN78 WN ALL SER. PROC FOR ELIM OF NOISE IN COMBINED FLUTTER COMP & TAPE SERVO MODE 3964A-15 JAN79 WO SER 1715A THRU 1814A.REC MOD OF A24 F1 & F2 TO 5 AMPS 3964A-16A 3964A-17A MARSS WN SER 2314A & ABOVE. NEW TYPE REC INSTRSUMENTATION RECORDING TAPE 3964A-18/3968A-18 MARSO WN ALL SER. NEW ADJ PROC FOR FM DATA ASSY'S. FOR 3964A P/N 03964-60506 3964A-19 OCT82 WN ALL SER.MISLABEL FM DATA PCA'S DEC83 WN ALL SER.FM DATA PCA P/N 03964-60506 OR 03964-60508 CALIB INSTRUC 3964A-20A OPER & SERV MAN NOV77 03964-90009 DEC77 03964-90059 8L 01 11 01 CPER & SERV MAN NOV77 03964-90009 DEC77 03964-90059 PL 03 11 01 OPER & SERV MAN JUN78 03964-90008 AUG79 03964-90058 8L 01 11 02 MAN CHANGE APR79 03964-90008 OPER & SERV MAN FEB84 03964-90007 MAY84 03964-90057 8L 01 11 07 SERA NOTE SEL BELOM OCT85 JUL76 HO SER BELOW 1622A. MOD TO IMPR FM PERF 3968A-1A/8868-1A 3968A-2/8868A-2 MAY76 WO SER BELON 1617A. HOD TO MODE & SPEED CONTROLS 3968A-3/8868A-3 JUL76 WO SER BELOW 1624A.REC 1.5A LINE FUSE FOR 220/240 VAC JUL76 WO SER BELOW 1626A. MOD TO +5V (A) REGLTR 3968A-4/8868A-4 3964A-5/8864A-5/ OCT76 WN SER BELOW 1629A. IMPR REEL MOTORS 3968A-5/8868A-5 3968A-6/8868A-6 NOV76 HO SER BELOW 1637A. CORREC OF ERRATIC FM TAPE SERVO 3964A-6A/8864A-6A/ AUG85 WN SER BELOW 1702A. IMPR PWR SWITCH 3968A-7A/8868A-7A 3964A-7/8864A-7/ APR77 WO ALL SER. CALIBRATOR OUTPUT SHORTS 3968A-8/8868A-8 3964A-8/8864A-8/ APR77 WN ALL SER. FET LEAD CONFIGURATION 3968A-9/8868A-9 3968A-10/8858A-10 A UG77W N ALL SER. OPERATOR INFORMATION 3964A-11/3968A-11 JAN78 WN ALL SER. TROUBLESHOOTING TABLES

11/08 MOD NUM

432A-

432B

432C

4328A

4329A

4332A

4333A

434A

4342A

3968A	OPER & SERV MAN	FEB84 03964-90007 MAY84 03964-90057 8L 01 11 07
	SERV NOTE SET BELOW	
	3968A-1A/8868-1A	JUL76 NO SER BELOW 1622A.MOD TO IMPR FM PERF
	3968A-2/8868A-2	MAY76 WO SER BELON 1617A.MOD TO MODE & SPEED CONTROLS
	3968A-3/8868A-3	JUL76 WO SER BELOW 1624A.REC 1.5A LINE FUSE FOR 220/240 VAC
	3968A-4/8868A-4	JUL76 WO SER BELOW 1626A.MOD TO +5V (A) REGLTR
	3964A-5/8864A-5/	OCT76 WN SER BELOW 1629A.IMPR REEL MOTORS
	3968A-5/8868A-5	[2008년 전 12일(B. S.) (2008년 전 12일(B.) 1
	3968A-6/8868A-6	NOV76 HO SER BELOW 1637A. CORREC OF ERRATIC FM TAPE SERVO
	3964A-6A/8864A-6A/	AUG85 WN SER BELOW 1702A. IMPR PWR SWITCH
	3968A-7A/8868A-7A	하는 <u>살</u> 림은 한 전에 되었는데 한 문제 문제들이라면 한 모습니다. 그는 말을 보고 있다는 것은 사람들이 보고 있다면 하는 것이라면 하는데 하는데 되었다면 되었다면 되었다는데 바람들이다면 되었다. 나는 살이 되었다면 하는데 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면
	3964A-7/8864A-7/	APR77 WO ALL SER.CALIBRATOR OUTPUT SHORTS
	_3968A-8/8868A-8	<u>그리 하는</u> 이렇지는 이번째 아침들이면, 라틴 기다. 그는 그루트의 등장을 하는 이번 사이를 하는 이번에 가는 이번에 가는 것을 하는 것이다. 그는 그리다는 이번째 다른 이름이 다시 없다.
	3964A-8/8864A-8/	APR77 WN ALL SER. FET LEAD CONFIGURATION
	3968A-9/8868A-9	(<u>늘은 5</u> 등은 발리되는 하면 문항을 받을 것 같다는 것은 경기가 들어 걸려면 하면 하는 것 같다. 하는 그렇게 되었는 것 같은 사람들이 살려고 하는 것이다. 이렇게 나를 걸다.
		UG77W N ALL SER. OPERATOR INFORMATION
	3964A-11/3968A-11	JAN78 WN ALL SER. TROUBLESHOOTING TABLES
		사람들 않는 그리다. 그리는 사람들은 사람들은 모든 사람들이 하는 사람이 하는 사람이 사람들이 되었다. 그리는 사람들은 사람들은 사람들은 사람들이 가득하는 사람들이 사람들이 사람들이 사람들이 사람들이 사람들이 되었다.
		그는 이번 보고 맛이 하는 것은 사람들이 살고 있으면 가겠다. 그 그 아이들이 가입니다. 이번 사람들은 사람들이 되었다. 그는 사람들이 되었다. 나는 사람들이 없는 사람들이 되었다. 나는 사람들이 얼마나 되었다.

11/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART DATE NUMBER *** DESCRIPTI	DATE NUMBER	M P D P L T V G ** DESCRIPTI	
3968A	3968A-12 3968A-13/8868A-11 3968A-14/8868A-12 3968A-15/8868A-13 3968A-16A/8868A-14A 3968A-17A 3964A-18/3968A-18 3968A-19 3968A-20 3968A-20 3968A-20 3968A-22	JAN79 WO SER 1715A T MAR83 WN SER 2314A & MAR80 WN ALL SER.NEW AUG80 WA SER 2009A01 MAR82 WN ALL SER.PRO DEC82 WN ALL SER.MIS	637A.FM BACKDATING S HRU 1748A.MOD TO INC PROC FOR ELIM OF NO HRU 1814A.REC MOD OF ABOVE.NEW TYPE REC ADJ PROC FOR FM DAT 192-01195,01202,0120 PER PROC FOR HEAD MO LABEL FM DATA PCA'S	REASE A24F6 ISE IN COMB A24 F1 % F2 INSTRSUMENTA A ASSY'S.FOR 5.CORR FOR P UNTING SCREW	FLUTTER COMP & TAPE SERVO MODE TO 5 AMPS TION RECORDING TAPE 3968A P/N 03964-60508 POSS HP-IB POWER SOCKET MISWIRE
3968A-009	OPER & SERV MAN	NOV77 03964-90009	DEC77 03964-90059	8L 01 11 01	
3968A-010	OPER & SERV MAN	NOV77 03964-90009	DEC77 03964-90059	8L 01 11 01	
3968A-021	OPER & SERV MAN Man Change	JUN78 03964-90008 APR79 03964-90008	AUG79 03964-90058	8L 01 11 02	
4B	OPER & MAINT MAN	JAN64 00004-91332	NOV71 00004-91382	01 11 01	
4 S	OPER & SERV MAN	JANOO COOO4-91331	NOV71 00004-91381	01 11 01	일 보고 한 경기에 가장 보면 하고 있다. 함께 보고 있는 것이 되었다. 일반 하고 있는 것이 되었는데 있는 것이 없는데 되었다.
40HD			FEB85	8L 01 09 02	마음이 경기를 발발한다는 사람이 많아 가장 전혀 분석을 발견하고 있다. 다른 사람들은 사람들이 되었다.
400A	SERV NOTE SET BELOW 400A-2A		JAN82 WTCH ASSY REPLACEMEN		
400B	OPER & SERV MAN MAN CHANGE	JUN62 4008-910 JUN62 4008-910	AUG77 400B-960	8L 01 09 01	
400D	OPER & SERY MAN MAN CHANGE SERV NOTE SET BELOW 400D-1C 400D-2E 400D-3D 400D-4C 400D-5 400D-6 400D-8 500D-9 400D/H/L-2-63 CONT*D 400D/H/L-11B 400D/H/L-11B 400D/H/L-12 400D/H/L-13	JAN68 WN SER BELOW 1 DEC73 WN ALL SER.TES OCT64 WN SER 14770 + - SER 17970 + - CONV 400D,4 - V1,V2 REPLA - CONV 400D T - SER ABOVE O SEP65 400D,SER 31 FUSE WIRING DEC69 WN SIMPLIFIED MAY70 WO REPL RANGE JAN72 WO V1,V2 REPLA NOV69 WN PROC FOR RE	T,ADJ + CERTIFICTN M DOWN.FEEDBACK CIRCU DOWN.INPUT ATTEN MO OODR METERS TO 400H/ CEMENT TUBES O 400H OR 400L.SUPER 17.RANGE SWTCH RESIS 0-45571 TO 310-46371 CALIB PROC SWTCH ASSEMBLY CEMENT TUBES PL 6AX5 RECTIFIER	LL IETHODS IT REPLACEME ID HR,400L/LR M 400D7 T SET INSTAL ;400H/L,SER	INT PARTS
400D-H02	OPER & SERV MAN MAN CHANGE	AUG69 00400-90007 DEC72 00400-90007	JAN73 00400-90057	01 09 02	
400E	OPER & SERV MAN OPER & SERV MAN	OCT75 00400-90019 JAN80 00400-90020	APR78 00400-90066* SEP84 00400-9006?		USE 400E FICHE 00400-90067

PAGE 168 CRIPTION *** JT VOLTG PRINTER/CASSETTE SPLAYS 1 COVERS TPUT LEVELS REQ WIDELY SEP/ r STABILITY RONIZATION I-ON

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400D-H02	the control of the co	NOV69 WN PROC FOR REPL 6AX5 RECTIFIER MAR74 WO 4000 SER 1247A59465 + DOWN.400A SER 1248A38061 + DOWN.400L ALL SER.FLATTENING F RES
	OPER & SERV MAN MAN CHANGE	AUG69 00400-90007
400E	OPER & SERV MAN OPER & SERV MAN	OCT75 00400-90019 APR78 00400-90066* 8L 01 09 02 USE 400E FICHE 00400-90067 JAN80 00400-90020 SEP84 00400-90067 8L 01 09 02
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	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
400E	MAN CHANGE	JUN84 00400-90020 SEP84 00400-90067 8L 01 09 02
400E/EL	SERV NOTE SET BELOW 400E/EL-1 400E/EL-2B 400E/EL-10 400E/EL-11 400E-12 400EL-12 400E/EL-13 400E-14	OCT83 DEC71 WN PIN CONNECTOR COMPATIBILITY JUL83 WN SER 2214A29268 & BELOW.PREF REPL FOR TRANS A2Q14,A2Q15,&A2Q16 OCT82 WN ALL SER REC PRTS RPL DEC74 WO 400E SER 1208A18153 + DOWN;400EL SER 1208A18053 + DOWN.IMPR INPUT ATTEN FEB80 WO SER 536-04253 & BELOW.REC INPUT ATTEN REPL SEP81 WO SER 1208A27069 TO 1208A27405.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT SEP81 WO SER 1208A26214 TO 1208A27393.TRBLESHTNG PROC TO TEST. INTERMITTENT METER CIRCUIT OCT82 WN 400E:SER 1208A29593 & BELOW;4GUEL:SER 2214A28523 & BELOW. IMPR OPT H99 LINE INDICATION OCT82 WN SER 1208A29188 & BELOW.PREF REPL FOR TRANS A2Q14,A2Q15,&A2Q16
400EL	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	OCT75 00400-90019 APR78 00400-90066* 8L 01 09 02 USE 400EL FICHE 00400-90067 JAN80 00400-90020 SEP84 00400-90067 8L 01 09 02 JUN84 00400-90020
400F	OPER & SERV MAN MAN CHANGE MAN CHANGE GMBH	JUL74 00400-90016 FEB78 00400-90063 8L 01 09 02 NOV77 00400-90016 OCT76 00400-90016
400F/FL	400F/FL-1A 400F/FL-2 400F/FL-3 400F/FL-4 400F/FL-5 400F-6 400FL-6	OCT83 APR70 WO SER 617-01375 + DOWN.REC REPL PARTS APR70 WO SER 734-01526 + UP(400F/FL); SER 737-00456 + UP(400GL).A2 CIRCUIT BOARD CHANGE SEP66 SER 617-00400 + DOWN.REC REPL PARTS NOV66 SER 617-00400 + DOWN.A2R34 REC REPL PARTS FEB74 WN SER 734-01526 + DOWN.NOISE PRODLEMS OCT76 WO ALL SER.SELECT C28 FOR FREQ RESPONSE SEP81 WO SER 0950A13388 TO 0950A13597.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT SEP81 WO SER 0950A13360 TO 0950A13657.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT OCT82 WN 400F:SER 0950A14305 & BELOW;400FL:SER 2213A14250 & BELOW.IMPR OPT H99 LINE INDICATO JUN83 WN SER 734-01526 & ABOVE.PREF REPL FOR TRANS A2Q1
400FL	OPER & SERV MAN MAN CHANGE MAN CHANGE GMBH	JUL74 00400-90016 FEB78 00400-90063 8L 01 09 02 NOV77 00400-90016 OCT76 00400-90016
400GL	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	SEP69 00400-90008 NOV74 00400-90058* 01 09 02 USE 400GL FICHE 00400-90062 NOV72 00400-90012 JAN78 00400-90062 8L 01 09 01 DEC77 00400-90012
		JAN83 OCT76 WO ALL SER.SELECT C28 FOR FREQ RESPONSE SEP81 WO SER 0943A03686 TO 0943A03708.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT OCT82 WN SER 0943A03870 & BELOW; IMPR OPT H99 LINE INDICATOR
400H	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 400H-1	AUG69 00400-90007 FEB85 00400-90057 8L 01 09 02 FEB73 00400-90007 JAN82 - SER 1338 THRU 1537.PWP SUPPLY CIR MOD
400L	OPER & SERV MAN MAN CHANGE	AUG69 00400-90007 FEB85 00400-90057 8L 01 09 02 FEB73 00400-90007
401	OPER & SERV MAN	JANOO 401-910 JAN75 D0401-90050 01 09 01

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435A-011 435A-012

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PAGE 171	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 186 H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G	11/08/85 MODEL
SSIBLE REMOTE		MAN CHANGE INSTALL MAN INSTALL MAN	AUG81 04061-90101 JAN80 04061-90200 FEB80 04061-90250* 8L 01 33 01 USE 4061A FICHE 04061-90251 SEP80 04061-90201 MAY81 04061-90251 8L 01 33 01	4437A
TUD MODULE	4050A 4061A	OPER & SERV MAN OPER & PROG MAN	JAN73 04050-99001 MAY73 04050-99051 01 33 02 SEP80 04061-90101 SEP81 04061-90151 8L 01 33 04	
INS MODULE	AOSOA	405AR-8 405AR-9A 405AR-10B	- SER 006-01050 + DOWN.INPUT DIVID REPL - ALL SER.PRINT COMMAND MODIFICATION MAY71 WO SER 402-02801 + DOWN.SWTCH ASSY REPL JAN73 04050-99001 MAY73 04050-99051 01 33 02	4426B 4436A
		405BR-2 405AR-3C 405AR-4 405AR-5A 405AR-6 405AR-7	JUN66 ALL SER.REPLACEMENT FOR C5 - SER 003-00950 + DOWN.STEP SWTCH MOD - SER 050-01850 + DOWN.MOD TO INCREASE RELIABILITY AND STABILITY NOV63 MOD TO IMPR PERFORMANCE - PREFFERRED PARTS REPLACEMENT - MOD TO IMPROVE PERFORMANCE	4425A 4425B 4426A
0034	405BR	OPER & SERV MAN SERV NOTE SET BELOW 405BR-1	NOV65 D0405-9002 AUG72 00405-9003 01 02 02 MAY78 - SER 114-00200 + DOWN.K2 RELAY CIR MOD	44095B 44195A
	405A	SERV NOTE SET BELOW 405A-1	JUNG2 4U4A-910 MAY78 - INSTALLATION OF 405A-95C ADAPTER	44095A
0041	404A	4038/88-11 4038-12 OPER & SERV MAN	APR78 WO SER BELOW 0986A21830.DIODE BRIDGE RPL SEP81 WO SER 0986A25253 TO 0986A25461.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT JUN62 404A-910 AUG81 404A-950 8L 01 09 01	44090A 44090B
D O34		403B-6 CONT'D 403B-7A 403B-8 403B/BB-9C 403B/BB-10A	APR74 WN SER 523-05300 + DOWN.REPL GERMANIUM TRANSISTOR WITH SILICON TRANSTR + ASSOC RESIST. SUPERSEDES 4038-5 MAY74 WA SAFETY.SER 0986A-16446 + DOWN.ELIM POSSIBLE SHORTING IN CASE GROUND FEB75 WN SER 0986A07651 + UP. RESISTOR REPL FEB83 WO SER BELOW 0986A20520.NEW BATTERY REPL JAN83 WA SER 0986A20521 TO 0986A21374.BATTERY CRGING CIR IMPROVEMENT	44055B 44065A 44065B
0034		403B-2/419A-4/3420 403B-3 403A-3A/403B-4A	B MAY71 WO SER 980-10636 TO 0986A11570.MOD TO ELIMINATE POWER LINE TRANSIENTS APR74 WN ALL SER.METER CIRCUIT DIODE REPL	440378 44055A
0034		MAN CHANGE SERV NOTE SET BELOW 4038-1 2048-2/208A-2/	APR78 00403-90013 JUL83 SEP66 SER 523-05300 + DOWN.Q7 REC REPL JAN67 NICKEL CADMIUM BATTERY MAINTENANCE	44037A
	403B	403A-2 403A-3A/403B-4A 403A-4	FEB67 SER 403-0400 + DOWN.NEW IMPR CARRYINGHANDLE APR74 WN ALL SER.METER CIRCUIT DIODE REPL MAR76 WN SER 0403A05435 + DOWN.RESISTOR REPL OCT76 00403-90013 OCT78 00403-90063 8L 01 09 01	44035A 44035B
1034			DEC60 403A-501A SEP82 403A-551A 8L 01 09 01 JAN61 403A-501B APR82 403A-551B 8L 01 09 01 JUL61 403A-501B JUL83 SER 349-0001 + UP.REC RESIST REPL	44002B 44003B 44012B
)034	403A	OPER & SERV MAN	NOV73 00403-90011 MAY75 00403-90061 01 09 02 JUN74 00403-90011	43805M
PTION ***	4022A		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DCT70 14022-99000 SEP75 04022-99050 8L 01 33 02 NOV70 04022-99000	438A
PAGE 170	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 185 H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G	11/08/85 MODEL NUMBER
	401		JANDO 401-910 JAN75 00401-90050 01 09 01	438A
	400L		AUG69 00400-90007 FEB85 00400-90057 8L 01 09 02 FEB73 00400-90007	436A-E40
075	400H	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 400H-1	AUG69 00400-90007 FEB85 00400-90057 8L 01 09 02 FEB73 00400-90007 JAN82 - SER 1338 THRU 1537.PWP SUPPLY CIR MOD	
		400GL÷3	OCT82 WN SER 0943A03870 & BELOW; IMPR OPT H99 LINE INDICATOR	
			OCT76 WO ALL SER.SELECT C28 FOR FREQ RESPONSE SEP81 WO SER 0943A03686 TO 0943A03708.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT	

	405AR-5A 405AR-6 405AR-7 405AR-8 405AR-9A 405AR-10B	NOV63 MOD TO IMPR PERFORMANCE - PREFFERRED PARTS REPLACEMENT - MOD TO IMPROVE PERFORMANCE - SER 006-01050 + DOWN.INPUT DIVID REPL - ALL SER.PRINT COMMAND MODIFICATION MAY71 WO SER 402-02801 + DOWN.SWTCH ASSY REPL	
4050A	OPER & SERV MAN	JAN73 04050-99001 MAY73 04050-99051 01 33 02	
4061A	OPER & PROG MAN MAN CHANGE	SEP80 04061-90101 SEP81 04061-90151 8L 01 33 04	
	INSTALL MAN INSTALL MAN	AUG81 04061-90101 JAN80 04061-90200 FEB80 04061-90250* 8L 01 33 01 USE 4061A FICHE 04061-90251 SEP80 04061-90201 MAY81 04061-90251 8L 01 33 01	
11/08/85 Model Number	O LITERATURE C TYPE	PAGE 1: H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	86
4061A	SERV NOTE SET BELOW 4061A-1	지는 이러가 하다는 본 사람들은 나라의 관련 전시는 사람들에 가득 사람이 가득하는 것이 되었다면 하는 것이 가득하는 것이 가득하는 것이다. 사람들은 사람들은 사람들은 사람들이다.	
4061A - 026	OPER & PROG MAN INSTALL MAN	FEB83 04061-92020 JUN83 04061-92070 8L 01 33 04 FEB83 04061-92120 JUN83 04061-92170 8L 01 33 01	
4061A-036	OPER & PROG MAN MAN CHANGE INSTALL MAN	FEB83 04061-92030 APR85 04061-92080 8L 01 33 04 0CT84 04061-92030 FEB83 04061-92130 JUN83 04061-92180 8L 01 33 01	
4061A~045	OPER & PROG MAN MAN CHANGES INSTALL MAN	FEB83 04061-92040 NOV83 04061-9209G 8L 01 33 04 SEP83 04061-92040 FEB83 04061-92140 JUN83 04061-92190 8L 01 33 01	
4061A-046	OPER & PROG MAN INSTALL MAN	FEB83 04061-92050 JUN83 04061-92100 8L 01 33 04 FEB83 04061-92150 JUN83 04061-92200 8L 01 33 01	
4062A	PROG MAN PRE-INST MAN	NOV83 04062-90010	
	4062A-5	JAN85 WN ALL SER. INSTALL INFO FOR 16294A FIELD UPGRADE KIT JUL85 WA 4062A: ALL SER; 4062B: SER 2519J00155 & BELOW. REPL OF VFP TIMMER BD	
4062B	SERV NOTE SET BELOW 4062A-6/4062B-1	OCT85 JUL85 WA 4062A:ALL SER;4062B:SER 2519J00155 & BELOW.REPL OF VFP TIMMER BD	
4063A	SITE PREP MAN	MAY85 04063-90100 JUL85 04063-90150 8L 01 33 01	
4064A	SITE PREP MAN	MAY85 04064-90100 JUL85 04064-90150 8L 01 33 01	
4081A	OPER & SERV MAN SERV NOTE SET BELOW 4081A-1	MAR77 04081-90000 APR77 04081-90050 8L 01 33 03 OCT78 NOV76 WA SER 1538J00101 THRU 1628J00130.MOD FOR INTERFACE WITH 9825A	
4081A-261	#돌아 열차 하는 모든 것을 게 살았다.	MAR77 04081-90000 APR77 04081-90050 8L 01 33 03	
4081A-270		MAR77 04081-90000 APR77 04081-90050 8L 01 33 03	
4081A-271	OPER & SERV MAN	MAR77 04081-90000 APR77 04081-90050 8L 01 33 03	
4081A-272	OPER & SERV MAN	MAR77 04081-90000 APR77 04081-90050 8L 01 33 03	
4081A-282	OPER & SERV MAN	MAR77 04081-90000 APR77 04081-90050 8L 01 33 03	
4083A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JAN80 04083-90000 FEB80 04083-90050* 8L 01 33 02 USE 4083A FICHE 04083-90051 NOV80 04083-90001 JAN81 04083-90051* 8L 01 33 02 USE 4083A FICHE 04083-90052 FEB81 04083-90002 JUN83 04083-90052 8L 01 33 02 JAN83 04083-90002	

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OCT81

JUL84 04085-90000 DEC84 04085-90000

JUN81 WA SER 1920J00171 & BELOW. MOD TO IMPR HP-IB CONTROL

MAR85 04085-90050 8L 01 33 01

SERV NOTE SET BELOW

4083A-2

4085M

OPER MAN MAN CHANGE

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44423A

44425A

44426A

44427A

44427B

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44429A-120

44420A-001

44421A-010

44422A-020

41	OPER & SERV MAN	JAN69 00041-91363 DEC81 00041-91413 8L 01 11 01
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 187 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
	MAN CHANGE	DEC84 04085-90000
4085M	4083A-2 OPER MAN	JUN81 WA SER 1920J00171 & BELOW.MOD TO IMPR HP-IB CONTROL JUL84 04085-90000 MAR85 04085-90050 8L 01 33 01
4083A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	
4081A-282	OPER & SERV MAN	MAR77 04081-90000 APR77 04081-90050 8L 01 33 03

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410A
                                                                                   APR72 00410-960
                      OPER & SERV MAN
                                                   JANOD 410A-910
                                                                                                                   01 09 01
410B
                      OPER & SERV MAN
                                                   DCT66 410B-902
                                                                                   APR73 410B-952
                                                                                                                    01 09 02
                      SERV NOTE SET BELOW
                                                                                   JAN79
                      410B-1I
                                                   DEC72 WN PROBE ASSY REPL PARTS
                      410B-2F
                                                   DEC72 WO AC PROBE DIODE REPLACEMENT
                      410B-3
                                                                INSTALL OF REPL SELECTOR SWITCH
                      410B-4
                                                   JUN64
                                                                REC REPL FOR V2 AND V3
                      410B-5
                                                                NOT AVAILABLE
                     OPER & SERV MAN
410C
                                                   MAY74 00410-90007
                                                                                   AUG74 00410-90057
                                                                                                                   01 09 02 FOR SERIES 0982A & BELOW
                      OPER & SERV MAN
                                                   MAR81 00410-90009
                                                                                   JUN82 00410-90059 8L 01 09 01 FOR SERIES 0982A & ABOVE
                      MAN CHANGE
                                                   MAR82 00410-90009
                      SERV NOTE SET BELOW
                                                                                   JUL84
                      410C-1A
                                                                SER 550 + DOWN. RECOMENDED INSTL OF MOD KIT.
                                                   MAY66
                      410C-2B
                                                   JUL67
                                                                SER 550-07750 + DOWN.REC REPL DIODE
                      410C-3
                                                   HOV64
                                                                REPLACEMENT TRANSISTOR
                      410C-4
                                                   AUG71
                                                                AC VOLT MEAS PRECAUTIONS
                      410C-5
                                                   AUG71
                                                                VHF FIELD CALIB PROCEDURES
                                                                SER 550 + BELOW MOD KIT REC INSTALL
                      410C-6
                                                   MAY66
                      410C-7
                                                                SER BELOW 550-05300.A3C11 REC REPL
                                                   JUL66
                      410C-8B
                                                   DEC72 WO AC PROBE DIODE REPL PROC
                                                  FEB68 SER 550-08750 + DOWN.MOD ADDS CARRYING HANDLE JAN72 WO RANGE + FUNCTION SWICH REPL PROCEDURE JAN72 WO PREF REPL CAPACITORS
                      410c-9
                      410C-10
                      410C-11
                      410C-12
                                                   JAN72 WO SER BELOW 807-09953. AMPLF OUTPT NOISE REDUCE MOD
                                                  JUN75 WO SER BELOW 0982A16504.AC ZERO DRIFT.SUPER 410C-13
APR76 WN SAFETY.SER BELOW 0982A17729.SHOCK HAZARD REV.NOTE SER 0982A17729 + UP COMPLY WITH
CURRENT SAFTY STANDARDS
APR16 WN ALL SER.CALIB AFTER 11036A DIODE REPL
                      410C-13A
                      410C-148-S
                       CONT'D
                      410C-15
                                                   MAY76 WN SAFETY.SER 0982A18008 + DOWN.SHOCK HAZARD REV
                      410C-16-S
                                                  MAY76 WN SAFETY.SER 0982A180U8 + DOWN.SHOCK HAZARD REV
MAY78 WN SER BELOW 0982A19038.REC REPL TRANS FOR A3Q1 & Q2
JUN80 WN RECOM FOR PADDING RESISTOR A3R30
SEP80 WN ALL SER.REC MOD TO A3R5 & A6R20 DURING SERV DUE TO VENDOR NON-AVAIL OF PARTS
SEP81 WO SER 0982A22277 TO 0982A22462.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT
NOV81 WA SER 0982A22330 TO 0982A22718.MOD KIT TO ELIM POT SHOCK HAZ
DEC81 WN ALL SER INSTR. SITH SOLID STATE AMPLIFER BD (A3)P/N 00410-66502
APR83 WN SER 0982A22438 & BELOW; SER PREF 982 & BELOW.REC REPL FOR A3 AMPLIF ASSY
FEB84 WN SER 098A22439 TO 098A23564.IMPR NOISE REJECTION WHEN OPER AN RF ENVIRONMENT
APR84 WO SAFETY: ALL SER.TEST FOR PROPER ISOLATBET CARINET & SIG GRND. REC. WOD IF TEST EATL
                      410C-17
                      410C-18
                      410C-19
                      410C-20
                      410C-21
                      410C-22
                      410C-23
                      410C-24A
                      410c-25-S
                                                  APR84 WO SAFETY: ALL SER. TEST FOR PROPER ISOLATBET CABINET & SIG GRND. REC MOD IF TEST FAILS
411A
                      OPER & SERV MAN
                                                   AUG68 00411-90004
                                                                                   MAY75 00411-90054
                                                                                                                   01 09 02
                      MAN CHANGE
                                                   JAN75 00411-90004
                      SERV NOTE SET BELOW
                                                                                   JAN81
                     411A-1
                                                   FEB67 REC REPL FOR V3
                      411A-2
                                                   JUN70 WA SER 938-04685 THRU 938-04719. ELIM METER RINGING MODIFICATION
412A
                      OPER & SERV MAN
                                                   NOV68 00412-90003
                                                                                   DEC84 00412-90053 8L 01 09 02
                      MAN CHANGE
                                                   AUG74 00412-90003
412A/412AR
                      SERV NOTE SET BELOW
                                                                                   JAN81
                      412A/AR-1C
                                                   AUG69 HN SER BELOW 424-14482. INPUT CIR ASSY REPLACEMENT
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		SERV NOTE SET BELOW 411A-1 411A-2	FEB67	UU411-90004 JAN81 REC REPL FOR V3 WA SER 938-04685 THRU	938-04719. ELIM METER RINGING MODIFICATION
The second second	412A	OPER & SERV MAN MAN CHANGE		00412-90003 DEC84 00412-90003	00412-90053 8L 01 09 02
	412A/412AR	SERV NOTE SET BELOW 412A/AR-1C		JAN81 WN SER BELOW 424-14482	2.INPUT CIR ASSY REPLACEMENT

11/08/85 **PAGE 188** 11/08/85 MODEL 0 LITERATURE H/C PART FICHE PART M P FICHE MODEL NUMBER TYPE NUMBER DATE NUMBER L T V G NUMBER *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 412A/412AR 412A-2B RANGE SWITCH ASSY REPLACEMENT 446B 412A-3D DEMODULATOR ASSY INSTALLATION SEP65 412A/AR-3 NOV66 SER 424-14482 + DOWN. CR101 REC REPL 4470A 412A/AR-4 SEP74 OFFSETS ON CURRENT RANGES MAY75 WN SAFETY.472A SER 978-19484 + DOWN;412AR SER 0978-20458 + DOWN.SHOCK HAZARD REVISION 412A/AR-5 412A-6C APR68 WO RANGE SWICH MAINTENANCE JUL74 WO ALL SER. SUPER 412A-7A. VOLTAGE PROBE ASSY REPL PARTS 412A-78 412A-8A SER 134-07482 + DOWN. INPUT CABLE MOD KIT TO RED STRAIN MAY67 412A-9C-S OCT80 WA SAFETY. SAFE PRECAUTION USING PROBE 412A-10 NOT AVAILABLE SER 424-14482 + DOWN.ZERO ADJ CONTROL 412A-11A JAN67 412A-12 JUL67 NOISE + ZERO OFFSET MOD 412A-13/413A-3 MAR68 WN MODULATOR CABLE ASSY AVAILABLE SEPARATELY 412A-14A OCT71 WO MECHANICAL PARTS IDENTIFICATION 4470B 412A-15 WO SER 649-17582 + DOWN. MOD TO PREVENT REGULATOR TUBE V105 BREAKDOWN 412AR-2 SER 134-05282 + DOWN. IMPR GRND CONN SER 424-15082 + DOWN. INSTR FOR ADD ZERO ADJ CONTROL TO PREV ZERO OFFSET 412AR-3 JAN67 412AR-4/413AR-2 MODULATOR CABLE ASSY AVAIL SEPARATELY MAR68 412AR-5 APR68 ILLUSTR PARTS IDENTIFICATION 448A - WO SER 649-17582 + DOWN. MOD TO PREVENT REGULATOR TUBE V105 BREAKDOWN 412AR-6 413A OPER & SERV MAN NOV66 00413-90003 DEC84 00413-90053 8L 01 09 02 45D APR70 00413-90003 MAN CHANGE 456A 413A/413AR SERV NOTE SET BELOW JAN81 SER BELOW 315-02310. INPUT CIR ASSY REPLACEMENT 413A/AR-1 DEC69 457A 413A-2 NOISE + ZERO OFFSET MODIFICATION JUL67 413A/AR-2 JUN75 WH SAFETY.ALL SER.SHOCK POTENTIALS REV 412AR-4/413AR-2 MODULATOR CABLE ASMB AVAIL SEPARATELY MAR68 461A 412A-13/413A-3 MODULATOR CABLE ASSY AVAIL SEPARATELY MAR68 4144 OPER & SERV MAN JUN70 00141-90051* 01 09 02 USE 414A FICHE 5080-5679 JUN66 00414-90001 JAN65 00414-90000 PRELIM MAN 531 SEP73 5080-5679 8L 01 09 05 PRELIM MAN 531 JUN66 00414-90000 SERV NOTE SET BELOW MAY78 MOD TO INCR CHOPPER FREQ ADJ RANGE 4144-1 NOV65 NOV65 414A-2 A29 + A497 RECOMMENDED REPLACEMENT 462A 414A-3 SER 531-00275 + DOWN. MOD TO KEEP METER FROM OVERLOADING MAR66 414A-4 MECH PARTS IDENTIFICATION JUN67 414A-5 SEP67 SER BELOW 531-00275.LF INPT NOISE MOD 414A-6 SER BELOW 630-00825.A4 PWR SUPPLY + CONTROL BOARD REPLACEMENT MAR68 414A-7 JUL75 WN SAFETY. SHOCK HAZARD REVISION 4140A OPER MAN JUL79 04140-90000 AUG79 04140-90050* 8L 01 33 02 USE 4140A FICHE 04140-90061 463A APR82 04140-90010 SERV MAN FEB80 04140-90060* 8L 01 33 03 USE 4140A FICHE 04140-90061 OPER & SERV MAN JUL80 04140-90011 AUG80 04140-90061* 8L 01 33 04 USE 4140B FICHE 04140-90071 JUL81 SERV NOTE SET BELOW MAR80 WA SER 1917JOC195 & BELOW. MOD TO IMPROVE STABILITY IN SIGNATURE ANALYSIS 4140A-1 4140A-2 ALL SER. DESC OF PERF TEST KIT FOR 4140A 4140A-3 APR80 WO SER 1917J00270 & BELOW. MOD TO IMPROVE OP OF KEY CONTROLS WA SER 1917J00270 & BELOW-REMEDY FOR MALFUNCTION OF KEY CONTROLS 4140A-5 4140A-6 JAN81 WA ALL SER. MOD TO ELIM PULSE NOISE IN AC PWR LINE 4140A-7 JAN81 WA ALL SER. MOD TO IMPROVE AUTO RANGING WHEN INST IS SET TO RAMP I-V OR C-V FUNCTION 4140A-8 JAN81 WA ALL SER. MOD TO IMPROVE AUTO. RANGING WHEN INST IS SET TO STAIRCASE I-V FUNCTION & IS 465A CONT'D MEASURING A CAP DEVICE

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JAMB1 WA ALL SER MOD TO IMPROVE VE OUTDIT AROUT CUNCTION

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1/08/85 MODEL NUMBER	0 LITERATURE C TYPE	PAGE 189 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
140A	4140A-9 4140A-10 4140A-11 4140A-12 4140A-13 4140A-14 4140A-15	JAN81 WA ALL SER.MOD TO IMPROVE CAP OFFSET ADJ JAN81 WA ALL SER.MOD TO IMPROVE VB OUTPUT ABORT FUNCTION JAN81 WA ALL SER.MOD TO CORRECT STATUS BYTE STATE DURING HP-IB OPERAT JAN81 WA ALL SER.ELIM OF HI FREQ NOISE FM VOLTAGE SOURCE OUTPUTS FEB81 WA ALL SER.REMEDY FOR MALFUNCTION OF KEY CONTROLS FEB81 WA ALL SER.MOD TO IMPROVE A6 RAMP GEN PERF FEB81 WA ALL SER.MOD TO A3 MPU BD TO IMPROVE V SUB B OUTPUT
1408	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4140B-1 4140B-2 CONT'D 4140B-3 CONT'D 4140B-4	SEP80 04140-90020
	41408-5 CONT'D 41408-6 CONT'D 41408-7 41408-8 41408-9	JAN81 WA SER 2034J00101*00104,00107,00108,00110,00111,00113,00114.MOD TO IMPR VB OUTPUT ABORT FUNCTION JAN81 WA SER 2034J00101,00104*00107,00108,00110,00111,00113,00114.MOD TO CORRECT THE STATUS BYTE STATE DURING HP-IB OPER FEB81 WA SER 2034J00220 & BELOW.REMEDY FOR MALFUNCTION OF KEY CONTROLS FEB81 WA SER 2034J00240 & BELOW.MOD TO IMPROVE A6 RAMP GEN PERF FEB81 WA SER 2034J00250 & BELOW.MOD TO A3 MPU BD TO IMPROVE V SUB B OUTPUT
41418 4145A	OPER MAN OPER & SERV MAN SERV NOTE SET BELOW 4145A-1A CONT'D	AUG85 04141-90000 NOV85 04141-90050 8L 01 33 02 AUG84 04145-90000 FEB85 04145-90050 8L 01 33 08 APR83 NOV82 WA SER 2149J00146 & BELOW; SER 2149J00147 & BELOW.PWR SUPPLY MOD TO.PROT AGAINST SURGE CURRENT DAMAGE
415 B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4158-1 4158-2 4158-3 4158-4	JUL71 00415-90017 MAY72 00415-90018 01 45 01 MAR72 00415-90017 MAY78 - NOT AVAILABLE - TESTING OF TUNED FILTER - NOT AVAILABLE AUG65 SER BELOW 213-11683.NOISE RED MOD
415c	OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 415C-1 415C-2A 415C-3 415C-4A	MAY62 415C-900 SEP71 00415-90012 01 45 02 SERIAL PFXES 132-, 147-, 208-JUN62 415C-900 JUN62 415C-901 SEP71 00415-90013 01 45 02 SERIAL PFXES 212-, 214-, 218-JUL62 415C-901 MAY78 NOT AVAILABLE JUL63 MOD TO CONV FREQ OTHER THAN 1000 CPS SER BELOW 147-IMPR LINEARITY ON 200X XTAL INPUT 0CT63 ALL SER.METER CIR PROTECTION
415D	SERV NOTE SET BELOW 415D-1	MAY78 - SER BELOW 406-01001.MOD FOR VARIABLE METER DAMPING
115E	OPER & SERV MAN	JUL71 00415-90009 APR74 00415-90015 01 45 02

11/08/85 PAGE 190 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P D P NUMBER L T V G NUMBER NUMBER C TYPE DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 415E MAN CHANGE DEC73 00415-90009 APR74 00415-90015 01 45 02 416A OPER & SERV MAN MOVAT ATKA-OOD CEDRO NOA1K-DONOO1 BI NA NA NO

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4136-5V JULOS MUD TO CONV FREQ OTHER THAN 1000 CPS 415C-3 SER BELOW 147. IMPR LINEARITY ON 200X XTAL INPUT 415C-4A **OCT63** ALL SER.METER CIR PROTECTION SERV NOTE SET BELOW 415D MAY78 415D-1 SER BELOW 406-01001.MOD FOR VARIABLE METER DAMPING 415E OPER & SERV MAN JUL71 00415-90009 APR74 00415-90015 01 45 02

11/08/85 **PAGE 190** MODEL LITERATURE H/C H/C PART FICHE PART M FICHE D NUMBER TYPE DATE NUMBER NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 415E MAN CHANGE DEC73 00415-90009 APR74 00415-90015 01 45 02 416A OPER & SERV MAN NOV61 416A-900 SEP82 00416-90021 8L 01 04 02 MAN CHANGE MAR73 416A-900 SERV NOTE SET BELOW APR79 416A-1 NOT AVAILABLE 416A-2A SER BELOW 002.V2 CONTROL TUBE REPL 416AR OPER & SERV MAN NOV61 416A-900 SEP82 00416-90021 8L 01 04 02 MAN CHANGE MAR73 416A-900 416B OPER & SERV MAN JAN68 00416-90001 JUN72 00416-90004 01 45 02 APR72 00416-90001 MAN CHANGE SERV NOTE SET BELOW APR79 4168-1 SER BELOW 410-00581. MOD TO ADD FILTERING + REDUCE MICROPHONICS MAR64 417A OPER & SERV MAN JANOD 471A-901 JUN83 00417-90001 8L 01 04 01 419A OPER & SERV MAN DEC72 00419-90004 OCT78 00419-90054 8L 01 09 02 MAN CHANGE JUN78 00419-90004 SERV NOTE SET BELOW **OCT84** 419A-1 SER BELOW 532-00675.A1Q1 + A1Q2 REPL MAR66 419A-2 **OCT66** ALL SER. SERV PRECAUTIONS AVOID CONTAMINATION OF INSTR COMPONENTS 419A-3C JAN74 WN SER BELOW 636-01275.AMMETER MOD KIT.HP PN 00419-64301 204B-2/208A-2/ MAIN INSTR FOR OPTIMUM LIFE FROM NICKEL-CAD BATTERIES JAN67 419A-4/3420B-1 419A-5A APR67 SER BELOW 532-01275.BT5 BATT HOLDER REPLACEMENT 419A-6 MAY67 SER BELON 707-01600.F1 REC REPLACEMNT 419A-7C-S JUN84 WA SAFETY.SER 0948A05467 & BELOW.ELIM SHOCK HAZ 419A-8 MAR75 WO BATTERY REPLACEMENT MAY84 WA SAFETY: ALL SER. ELIM OF POT SHOCK HAZ 419A-9D-S MAR83 WA SER 0948A05830 TO 0948A06037.BATTERY CHARGER MOD 419A-10A 4194-11 SEP81 WO SER 0948A06923 TO 0948A07006.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT MAY83 WN REPL NEON SUBASSY FOR PHOTOCHOPPER ASSY 4194-12 SEP83 WN SAFETY.ALL SER.POSS SHOCK HAZ WHEN MAKING FLOATING VOLT MEAS IN BATT MODE 419A-13-S 4191A OPER MAN APR80 04191-90001 MAY80 04191-90051* 8L 01 33 02 USE 4191A FICHE 04191-90062 OPER & SERV MAN NOV80 04191-90061* 8L 01 33 06 USE 4191A FICHE 04191-90062 SEP80 04191-90011 OPER & SERV MAN AUG83 04191-90012 AUG85 04191-90062 8L 01 33 07 MAN CHANGE NOV84 04101-90012 MAN CHANGE MAR85 04191-90012 SERV NOTE SET BELOW APR82 4191A-2 JUL81 WN ALL SER-TRBLSHTNG INSTRUCT WHEN USING 16341A LOGIC TEST BOX 4191A-5 JAN82 WA SER 1930J00127 & BELOW MOD TO IMPROVE IF SIGNAL CHANNEL BAL 4191A-6 JAN82 WA SER 1930J00123 TO 00127;1930J00120 BELOW MOD TO ELIM DISPLAY FLUCTUATH OPTOD2 ONLY 4191A-7 JAN82 WA SER 1930J00127 & BELOW. MOD TO IMPROVE THE A18 CLK GEN/DOUBLER JAN82 WA SER 1930J00168, 1930J00166 & BELOW. MOD TO IMPR STABILITY AGAINST PHYSICAL SHOCKS 4191A-8 JAN82 WA SER 1930J00174,00175,1930J00171 & BELOW. MOD TO IMPR INTER DC BIAS 4191A-9 4191A-10 JAN82 WO SER 1930J00240 & BELOW MOD TO A1 VTO BD (& A33 VTO BD OPT 002) TO IMPR OUTPUT SIG 4191A-11 JAN82 WO SER 1930J00240 & BELOW. MOD TO A2 DIVIDER BD TO IMPR PERF 4192A OPER & SERV MAN MAY81 04192-90000 NOV81 04192-90050* 8L 01 33 05 USE 4192A FICHE 04192-90051 OPER & SERV MAN APR84 04192-90001 AUG85 04192-90051 8L 01 33 07 MAN CHANGE OCT84 04192-90001 SERV NOTE SET BELOW APR83

11/08/85 **PAGE 191** MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P C NUMBER NUMBER TYPE DATE DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 4192A 4192A-6 JAN82 WA SER 2045J00113 TO 2045J00202 & 2045J00204 TO 2045J00207. MOD TO IMPR PERF ON A1 RANGE CONT'D RESIST/NULL DECTECTOR 4192A-12 NOV82 WN ALL SER.BASIC LANGUGE(HP85)HP-IB INTEFACE TEST PROG

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/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 191 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08/ MODE NUMB
92A	4192A-6 CONT'D 4192A-12	JAN82 WA SER 2045J00113 TO 2045J00202 & 2045J00204 TO 2045J00207.MOD TO IMPR PERF ON A1 RANGE RESIST/NULL DECTECTOR NOV82 WN ALL SER.BASIC LANGUGE(HP85)HP-IB INTEFACE TEST PROG	491A 491C
93A	OPER & SERV MAN MAN CHANGE	AUG83 D4193-90000 JAN84 04193-90050 8L 01 33 05 OCT83 04193-90000	
	SERV NOTE SET BELOW 4193A-1	JAN85 NOV82 WN ALL SER.BASIC LANGUGE(HP85)HP-IB INTEFACE TEST PROG AUG84 WN ALL SER.REPAIR PROG FOR PROBE CONN ASSY	4910A
94A	OPER MAN	AUG85 04194-90000 NOV85 04194-90050 8L D1 33 05	
	INSTRUCT & OPER MAN	생용하는 물이되었다. 사람들은 그들은 내용을 하고 하고 있는데 회에에 가르고 있다면 하게 하고 있는데 가는 사람들은 그는데 그렇게 그렇게 그들고 있는데 말을 가장 되었다. 	4910B
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104A	OPER & SERV MAN	OCT73 04204-99005	4910F 4910G
	4204A-1	JUN73 WO SER BELOW 1240J03140.REPL Q3 TRANS OCT76 WA SER 1321J03490 & UP.UPDT PRT FOR Q1/2	
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!2 A		AUG79 00422-90009 FEB81 00422-90011* 8L 01 04 01 USE 422A FICHE 00422-90014 DEC81 00422-90013 FEB82 00422-90014 8L 01 04 01	4912F
3A		JUL76 00423-90019 MAR77 00423-90021 8L 01 04 01	
3A/424A	SERV NOTE SET BELOW 423A/424A-1	MAY78 Oct67 Replacement Diode Assemblies	4913A
3 8		JUN75 00423-90016	49144
/4 /	OPER & SERV MAN	JANOO 00424-90026 SEP70 00424-90027*	4916A 4917A
5 A	OPER & SERV MAN	JUN70 00425-90005 AUG70 00425-90055 01 09 02	
	425A-2B	MAY78 FEB67 SER BELOW 950.PROC FOR REPL METER JUN75 WN SER BELOW 002-02550.CIR MOD TO INCR RELIABILITY + STABILITY	4918A
	425A-3A 425A-4A	SER BELOW 00202250.TWIN-T-FILTR ASSY REPLACEMENT SER BELOW 14203050.RF VOLTAGE MOD	492A

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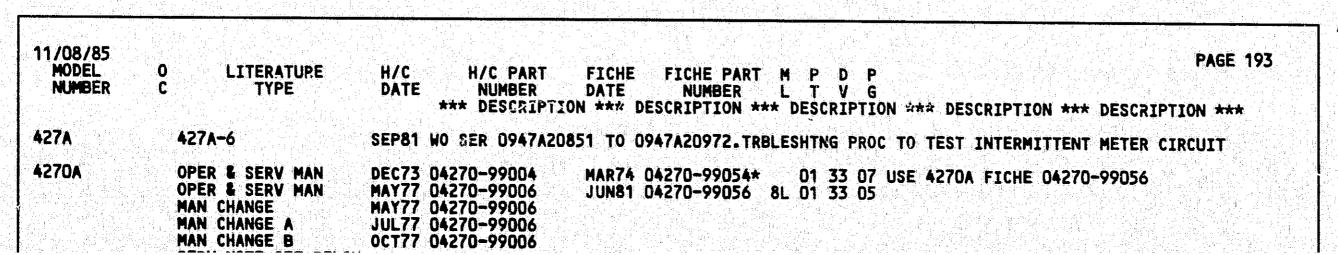
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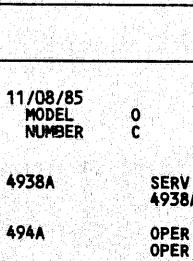
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125A	425A-5 425A-6 425A-7	JUN69 MAR68 NOV74	SER BELOW 425-07150.PROC FOR RED AMPLF NOISE + ZERO OFFSET MODULATORS AVAILABLE IN SUB-ASSY'S FOR GREATER REORDERING CONVIENCE WN SAFETY.SHOCK HAZARD ELIMINATION
4260A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4260A-1 4260A-2 4260A-3 4260A-4	JUL77 MAR79 MAY80 DEC80 OCT82 AUG84 MAR67	04260-99004
1261A	OPER & SERV MAN MAN CHANGE	JUN77 JUL78 FEB79 JUN79 SEP83	04261-99001 FEB77 04261-99051* 8L 01 33 04 USE 4261A FICHE 04261-99052 04261-99002 AUG77 04261-99052* 8L 01 33 04 USE 4261A FICHE 04261-90053 SEP78 04261-90053* 8L 01 33 04 USE 4261A FICHE 04261-90054 FEB79 04261-90054* 8L 01 33 04 USE 4261A FICHE 04261-90055 04261-90005 JUL79 04261-90055* 8L 01 33 04 USE 4261A FICHE 04261-90056 04261-90006 DEC84 04261-90056* 8L 01 33 04 USE 4261A FICHE 04261-90056 O4261-90006
1262A	OPER & SERV MAN MAN CHANGE MAN CHANGE SERV NOTE SET BELOW	JUL78 JAN79 APR80 OCT80 OCT83 NOV84 MAR85	04262-90001 DEC77 04261-90051* 8L 01 33 04 USE 4262A FICHE 04262-90052 DEC78 04262-90052* 8L 01 33 04 USE 4262A FICHE 04262-90053 O4262-90003 MAY79 04262-90053* 8L 01 33 04 USE 4262A FICHE 04262-90055 AUG80 04262-90055* 8L 01 33 04 USE 4262A FICHE 04262-90056 O4262-90006 JUN82 04262-90056* 8L 01 33 04 USE 4262A FICHE 04262-90057 O4262-90007 O4262-90007 AUG83 04262-90057 8L 01 33 04 USE 4262A FICHE 04262-90057 O4262-90007
	4262A-1A	SEP77 JAN80	JAM81 WA SAFETY.SER 1710J00116 TO 1710J00200.ELIM OF POT SAFETY HAZARD WO SER 1739J01650 & BELOW.DESC OF POSSIBLE "FAIL" ANNUNCIATION DISPLAY AT START OF SELF TEST OP WN SER 2022J02300 & BELOW.ELIM OF TROUBLE CAUSED BY ZENER DIODE A13CR15/16 REPL
1265A	OPER & SERV MAN Man Change		04265-99000 OCT74 04265-99050 01 33 02 04265-99000
1265B	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	FEB82	04265-99012 JUL77 04265-99062* 8L 01 33 02 USE 4265B FICHE 04265-90052 04265-90012 MAR83 04265-90052 8L 01 33 02
427A	OPER & SERV MAN Man Change	JUN83	00427-90007
	SERV NOTE SET BELOW 427A-1B 427A-2 427A-3 427A-4A 427A-5	APR70 DEC66 JAN67 MAR67 OCT78	JAN82 WN BATT OR AC LINE SUPPLY OPERATION ALL SER.IMPED CONV A1%6 REPLACEMENT IMPROVED ZERO OFFSET SER BELOW 621-02300.A1Q4,A1Q8 REPL WA SER BELOW 0947A18910.HETER STABILITY IMPROV WHEN SWITCHING FM DCV+ TO DCV- POSITIONS





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427A	4274-6	SEP81 WO SER 0947A20851 TO 0947A20972. TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT
4270A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE A MAN CHANGE B SERV NOTE SET BELOW	DEC73 04270-99004 MAR74 04270-99054* 01 33 07 USE 4270A FICHE 04270-99056 MAY77 04270-99006 JUN81 04270-99056 8L 01 33 05 MAY77 04270-99006 JUL77 04270-99006 OCT77 04270-99006
	4270A-1 4270A-2 4270A-3 4270A-4 4270A-5 4270A-6A 4270A-7 4270A-13	AN81 AUG70 WO SER BELOW 1020J.REC REPL FOR A28R6/11 DEC70 RECOMMENDED TROUBLESHOOTING PROCEDURE MAR71 WN ALL SER.DESCRIPTION OF SERVICE KIT NOV71 WA SER BELOW 1116J00324.MOD TO CORREC NONSIGNIFICANT READINGS AT BCD OUTPT & DISPLAY WO ALL SER.RELAY REPLACEMENT WO SER BELOW 1214J00415.IMPR DECIMAL & ANNUNCIATOR LAMPS SER J.FIX FOR OSCIL ON 1MHZ RANGE SEP80 WO ALL SER.PROPER IDENT OF CABLE COLOR CODE ON TI POWER XFORMER
4271A	OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 4271A-1 4271A-2 4271A-5	AUG73 04271-99000 JUN75 04271-99050* 01 33 06 USE 4271A FICHE 04271-99052 OCT76 04271-99002 NOV77 04271-99052 BL 01 33 05 JAN81 JAN74 WO SER BELOW 1310J00152.IMPR ANNUNCIATOR & UNIT LAMPS NOV74 WO SER BELOW 1412J00350.IMPR XTAL OSCILLATOR CIRCUIT ON A4 BOARD AUG77 INDUCTANCE ACCURACY CERT
4271A-005	OPER NOTE	AUG73 04271-99100 JUL77 04271-99150 8L 01 33 01
4271B	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4271A-5	MAR78 04271-90003
4271B-101	OPER NOTE Man Cahnge	MAY77 04271-90010 DEC78 04271-90060 8L 01 33 01 FEB78 04271-90010
1272A	OPER & SERV MAN MAN CHANGE	APR82 04272-90001 NOV84 04272-90051 8L 01 33 04 JUL84 04272-90001
4273A	OPER & SERV MAN OPER & SERV MAN	AUG78 04273-90001
4273A-006	OPER & SERV MAN OPER & SERV MAN	AUG78 04273-90001 JUN80 04273-90051* 8L 01 33 03 USE 4273A-006 FICHE 04273-90052 NOV81 04273-90002 MAR83 04273-90052 8L 01 33 02
4274A	OPER MAN OPER MAN OPER MAN OPER MAN MAN CHANGE	MAR79 04274-90001 MAY79 04274-90051* 8L 01 33 02 USE 4274A FICHE 04274-90052 JUN79 04274-90002 AUG79 04274-90052* 8L 01 33 02 USE 4274A FICHE 04274-90053 NOV79 04274-90003 OCT80 04274-90053* 8L 01 33 02 USE 4274A FICHE 04274-90054 MAY84 04274-90054 8L 01 33 02 SEE TITLE PAGE FOR OPTIONS COVERED FEB84 04274-90004
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	4943A	OPER : SERV 4942A- 4942A- 4942A- 4942A- 4942A- 6942A- 0PER MAN CI OPER 4943A- 4943A- 4943A-
	4943A	OPER : SERV 4942A- 4942A- 4942A- 4942A- 4942A- 6942A- 6942A- 6942A- 6942A- 4942A- 4942A- 4942A- 4942A- 4942A-
	4943A	OPER : SERV 4942A- 4942A- 4942A- 4942A- 4942A- 6942A- 0PER MAN CI OPER 4943A- 4943A- 4943A-

11/08/85 KODEL NUMBER	O LITERATURE C TYPE	PAGE 194 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
427 4 A	MAN CHANGE SERV NOTE SET BELOW	SEB82 04274-90012 SEP84 04274-90062 8L 01 33 04 JUL85
		SEP80 WA SER 1838J00114,00116,00118,00119,00120,00122,00129,1850J00136.MOD TO IMPROVE DC BIAS V (OPT 001/002) ACCURACY
	CONTD	SEP80 WO SER 1850J00460 & BELOW.MOD TO IMPROYE OSC LEVEL WHEN PERF A3 TEST SIGNAL LEVEL MONITOR ADJ.
	4274A-3 4274A-4A CONTD	SEP80 WO SER 1850J00540 & BELOW.NOD TO PROVIDE SUFF CURRENT THRU DUT WOV80 WO SER 1850J00207,00209,00210,00212,00214,00220,00223-00230,00232-00235.REC A9U1 & A9U5 PROM REPL TO IMPROVE PERF

11/08/85 MODEL O NUMBER C

4943A-4943A-4943A-4943A-4943A-

4943A

4943A-010 OPER &

SERV	MAN	MAR80	04274-90011	08YAM	04274-90061*	8L	01 33	5 03	USE	4274A	FICHE	04274	-90062	
SERV	MAN	FEB82	04274-90012		04274-90062							7 .7.		

MODEL	0 LITERATURE	H/C	H/C PART FICHE FICHE PART M P D P
NUMBER	C TYPE	DATE	NUMBER DATE NUMBER L T V G
			*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
274A	HAN CHANGE	SEB82	04274-90012 SEP84 04274-90062 8L 01 33 04
	SERV NOTE SET BELOW	85505	다른 클릭한 사람들은 사람이 있다. 65 . 이 노력 등에 이 사람들이 보내는 사람들이 가는 것이 하는데 그렇지만 하는데 가는데 가는데 가는데 가는데 가는데 다른데 되는데 다른데 하는데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른
	4274A-1 CONTD	SEPBU	WA SER 1838J00114,00116,00118,00119,00120,00122,00129,1850J00136.MOD TO IMPROVE DC BIAS V (OPT 001/002) ACCURACY
	4274A-2	SEP80	WO SER 1850J00460 & BELOW MOD TO IMPROVE OSC LEVEL WHEN PERF AS TEST SIGNAL LEVEL
	CONTD		트셔트KONITOR: ADJIO, 실로수는 이 소급도 있다고요요. 그림으로 오는 다른 다른 등록 등록 사용하는 로마스에는 다고 있는데 있는데 등을 등을 하는데 다른 그리고 되었다.
	4274A-3	SEP80	WO SER 1850J00540 & BELOW NOD TO PROVIDE SUFF CURRENT THRU DUT
	4274A-4A CONTD	MOASO	WO SER 1850J00207,00209,00210,00212,00214,00220,00223-00230,00232-00235.REC A9U1 & A9U5
	4274A-5	SEP80	PROM REPL TO IMPROVE PERF WA SER 1850J00160 & BELOW.MOD TO PREVENT PARASITIC OSC AT LOW FREQ
	4274A-6	SEP80	WO SER 1850J03235 & BELOW MOD OF A6 OSC BD TO IMPR PERF OF ZERO OFFSET ADJ.
	42744-7	SEP80	WO SER 1850J00235 & BELOW.REC A9U1 & A9U5 PROM REPL TO IMPROVE PERF
	4274A-8 4274A-9	SEP80	WO SER 1850J00175 & BELOW.REC PROM REPL FOR OPT 001/002 (DC BIAS) TO IMPROVE PERF
	4274A-10A	OCTAD	WO SER 1850J00235 & BELOW.MOD TO PREVENT ILLEGAL DISPLAY 9.99999 WO SER 1850J00385 & BELOW.MOD TO PREVENT NEWLY INSTALLED INTEGRATORS FROM CREATING
	CONTD		ERRONEOUS COUNTS
	4274A-11	SEP80	MO SER 1838JOD135 & BELOW.MOD TO A7/A9 BDS TO IMPROVE PERF
	4274A-12	SEP80	WA SER 1838J00101,106,108,110-116,120,121.NOD TO IMPROVE MEMORY BACKUP BATTERY
	4274A-13B CONTD	MOASO	WA SER 2031J00800 & BELOW.MOD TO PREVENT CABLE ASSYS ON BOTTOM SIDE OF MOTHER BD FROM BEING PIERCED BY PC BOARD CONNECTORS
	4274A-14	OCT80	WN SER 2019J00760 & BELOW.SUPP INFO TO SN'S 4274A-4,7,11
선생님	4274A-15	NOV80	WN SER 2031J01060 & BELOW. MOD TO ELIM ILLEGAL DC BIAS VOLTAGE DURING HP-IB OPER
	42744-16	JULBI	WA SER 1850J00143 & BELOW MOD TO PREVENT MALFUNCTION IN OPT 101 HP-IB INTERFACE
	4274A-19 4274A-25	NOV82	WN ALL SER. BASIC LANGUGE (HP85) HP-IB INTEFACE TEST PROG
	4274A-26	DEC84	WA SER 2031J00850 & BELOW.REMEDY FOR DEFECTIVE RAM WN 2434J02741 & BELOW.BIAS CIRCIT MOD FOR NEW REPL FET
(ASEA			한 <u>다. [18] 그림, 일본 이 경</u> 향 부모였다면 있는 이 문화되다. 교통을 하고 하였다. [28] 이 기계
4275A	OPER MAN OPER MAN	MAR/9	04275-90001 MAY79 04275-90051* 8L 01 33 02 USE 4275A FICHE 04275-90052 04275-90002 AUG79 04275-90052* 8L 01 33 02 USE 4275A FICHE 04275-90053
	OPER MAN		24275-90002 AUG79 04275-90052* 8L 01 33 02 USE 4275A FICHE 04275-90053 04275-90003 0CT80 04275-90053* 8L 01 33 02 USE 4275A FICHE 04275-90054
	OPER MAN		04275-90004 DEC84 04275-90054 8L 01 33 02
	MAN CHANGE		· 04275-90004: [1] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4
	SERV MAN		04275-90010 JAN80 04275-95060* 8L 01 33 04 USE 4275A FICHE 04275-90061
	SERV MAN SERV MAN		04275-90011 JUL80 04275-90061* 8L 01 33 04 USE 4275A FICHE 04275-90062 04275-90012 0CT85 04275-90062 8L 01 33 04
	MAN CHANGE	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	04275-90012
	SERV NOTE SET BELOW		하는 이 시간 말한 방송들은 #JAN85 (* 그들는 이 등은 본) 한 한 한 한 한 등을 보고 보고 보고 되는 한 문은 가지는 것은 사람들이 없는 것이다. 그는 편
	4275A-1	SEP80	WO SER 1851J00272 & BELOW,00274,00278-00276,00285-00281,00296-00288,00299,00301,00302.
	CONTD 4275A-2	CEDRO	MOD TO IMPR 1 UH MSMT AT 10MHZ WITH 1 METER TEST LEADS
	4275A-3	SEP80	WO SER 1843J00129 & BELOW.REC A9U1 & A9U5 PROM REPL TO IMPROVE PERF WO SER 1851J00202 & BELOW.REC A9U1 & A9U5 PROM REPL TO IMPROVE PERF
	4275A-4	SEP80	WO SER 1851J00129 & BELOW-REC PROM REPL FOR OPT 001/002 (DC BIAS) TO IMPROVE PERF
	4275A-5	SEPBU	WO SER 1851JUU182 & BELOW.MOD TO PREVENT ILLEGAL DISPLAY 9.99999
	4275A-6A	OCT80	WO SER 1851J00262 & BELOW. HOD TO PREVENT NEWLY INSTALLED INTEGRATORS FM CREATING
	CONTD 4275A-7	SEDAN	ERRONEOUS COUNTS
	4275A-8	SEP80	WO SER 1843J00111 & BELOW.MOD TO A7/A9 BDS TO IMPROVE PERF WA SER 1843J00106-00111.MOD TO IMPROVE MEMORY BACKUP BATTERY
	4275A-9	SEP80	WA SER 1851J00673 & BELOW,00675 & 00682,00684 & 00692,00695,00698-00701.ADDITION OF A
	CONTD		RELIFICATION IMPROVE INHZ MEASUREMENT OF A PROPERTY OF THE CONTRACT OF THE PROPERTY OF THE PRO
	4275A-10A	DEC80	WN ALL SER. NEW RF FILTER FOR REJECTION OF PROBER GENERATED NOISE
	4275A-11B 4275A-12	NOVAD	WA SER 2016J00852 & BELOW MOD TO PREVENT CABLE ASSYS FM BEING PIERCED BY PC BD CONNECTR
	42752-13	JUL81	WN SER 2045J01072 & BELOW.MOD TO ELIM ILLEGAL DC BIAS VOLTAGE DURING HP-IB OPER WA SER 1843J00111 & BELOW.MOD TO PREVENT MALFUNCTION IN OPT 101 HP-IB INTERFACE
	4275A-17	NOV82	WN ALL SER. BASIC LANGUEE (HP85) HP-IB INTEFACE TEST PROG
	4275A-22		WN ALL SER. OPT 004 MOD PROC

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4275A	4275A-23	SEP84 WA SER 2045J00922 & BELOW.REMEDY FOR DEFECTIVE RAM
4276A	OPER & SERV MAN MAN CHANGE	JUL83 04276-90000 JAN84 04276-90050 8L 01 33 05 0CT83 04276-90000
42778	OPER & SERV MAN MAN CHANGE MAN SUPPL SERV NOTE SET BELOW	DEC82 04277-90000 DEC83 04277-90050 8L 01 33 06 0CT83 04277-90000 0CT84 04277-90300 NOV84 04277-90350 8L 01 33 01

11/08/85 MODEL O NUMBER C	LI
4943A	4943A-7 4943A-8 4943A-9 4943A-1 4943A-1
4943A-010 4943A-012	OPER & OPER &
4943A-015 4943A-019	OPER & OPER &
4943A-910 4944A	OPER & OPER NO
	OPER & OPER & SERV NO 4944A-1 4944A-3 4943A-5 4944A-5
4945A	4944A-6 4944A-7 4944A-8 4944A-9 4944A-1 OPER MA
	SERV MA MAN CHA OPER IN SERV MA OPER MA SERV NO 4945A-1 4945A-2 4945A-3 4945A-4
495 Λ	OPER & MAN CHASERV NO 493A-6/493A-7/495A-8B
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		MAN OPE	R MAN Chan R & S V Not
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			1A-4 1A-5

SERV MA

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 195 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
4275A	4275A-23	SEP84 WA SER 2045J00922 & BELOW.REMEDY FOR DEFECTIVE RAM
4276A	OPER & SERV MAN MAN CHANGE	JUL83 04276-90000 JAN84 04276-90050 8L 01 33 05 0CT83 04276-90000
4277A	OPER & SERV MAN MAN CHANGE MAN SUPPL SERV NOTE SET BELOW 4277A-6	DEC82 04277-90000 DEC83 04277-90050 8L 01 33 06 0CT83 04277-90000 0CT84 04277-90300 NOV84 04277-90350 8L 01 33 01 APR85 NOV84 NO SER 2228J01017 & BELON.CMUS MULTIPLEXER IC REPL
4277A-H03	OPER & SERV MAN	APR84 04277-90200 JUN84 04277-90250 8L 01 33 01
4277A-H04	OPER & SERV MAN	APR84 04277-90200 JUN84 04277-90250 8L 01 33 01
428A	OPER & SERV MAN SERV NOTE SET BELOW 428A-1 428A-2C	AUG61 428A-910 AUG82 428A-960 8L 01 09 01 JAN82 - NOT AVAILABLE - SER BELOW 022-02675.ELECTRICAL MODS
428B	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4288-1 4288-2	SEP74 00428-90004 DEC79 00428-90054* 8L 01 09 02 USE 428B FI:HE 00428-90055 SEP83 00428-90005 JUL85 00428-90055 8L 01 09 02 MAY85 00428-90005 OCT82 SEP81 WO SER 0995A13884 TO 0995A14023.TRBLESHTNG PROC TO TEST INTERMITTENT METER CIRCUIT MAY82 WN SER 0994A06225 & BELOW.PREF REPL FOR L7
4280A	OPER & SERV MAN OPER & SERV MAN MAN C:ANGE OPER NOTE MAN SUPP SERV NOTE 4280A-7	DEC83 04280-90000 APR84 04280-90050* 8L 01 33 08 USE 4280A FICHE 04280-90051 AUG84 04280-90001 MAR85 04280-90051 8L 01 33 06 NOV84 04280-90001 SEP83 04280-90100 DEC83 04280-90150 8L 01 33 01 DEC83 04280-90300 JUN84 04280-90350 8L 01 33 03 JAN85 SEP84 WN ALL SER.RESONANT CIR REPAIR INFO
4282A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 4282A-6	JAN74 04282-99000 JUL74 04282-99050* 01 33 04 USE 4282A FICHE 04282-99051 JUL77 04282-99001 AUG77 04282-99051* 8L 01 33 04 USE 4282A FICHE 04282-90051 JAN82 04282-90001 MAR83 04282-90051 8L 01 33 04 JUL80 JAN80 ALL SER.REV AGC ADJ PROC
430A	OPER & SERV MAN	SEP62 430A-501A MAY78 5951-6209 8L 01 04 01
430B	OPER & SERV MAN SERV NOTE SET BELOW 4308-1 4308-28	JUN62 430B-900 MAR76 00430-90008 SL 01 04 02 MAY78 BIAS CURRENT CHECKING + ADJ PROCEDURE INCR FLEX > CONVENIENCE MODIFICATION
430C	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 430C-28	MAR67 00430-90004 APR78 00430-90006 8L 01 04 01 MAR78 00430-90004 MAY78 SEP63 SER BELOW 475.BRIDGE AMPLF MOD
4301A	OPER & SERV MAN MAN CHANGE	DEC63 04301-9001

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4951A	OPER MAN
	MAN CHANGI
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	SERV NOTE 4951A-1
	4951A-2
	4951A-3
	4951A-4
	4951A-5 4951A-6
	4951A-7
	4951A-8B
	4951A-10A
	4951A-11
	4951A-12
	4951A-13 4951A-14
	4951A-15
4953A	ODED MAN
	OPER MAN REPAIR MAN
	OPER MAN
	SERV NOTE
	4953A-1A 4953A-2
	4953A-3
	4953A-4
	4953A-5 4953A-6
4955A	SERV MAN
	QUICK REF
	OPER & PR
	OPER & PR
	SERV NOTE
	4955A-2B
	4955A-3 4955A-4
	4955A-5
	4955A-6
	4955A-7A 4955A-8
	4955A-9
	4955A-10
4960A	OPER & SEI
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	4960A-2S CONT'D
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3048	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 43048-1	JAN72 04304-99000 FEB76 04304-99050* 8L 01 33 02 USE 4504B FICHE 04304-99051 SEP77 04304-99001 AUG83 04304-99051 8L 01 33 02 MAR83 04304-99001 OCT81 JUL81 WN ALL SER.INSTALL INSTRUCT FOR RECHARGEABLE BATTERY, OPT 001	
	OPER & SERV MAN MAN CHANGE MAN CHANGE SERV NOTE SET BELOW 431A-1C 331A-2 431A-3 431A-4/431B-4/ 431C-4 431A-5	JUN62 431A-900 APR72 00431-90021 8L 01 04 02 0CT63 431A-900 MAY63 431A-900	
131B	OPER & SERV MAN SERV NOTE SET BELOW 4318-1 4318-2 4318-3	JUN66 00431-90007 SEP85 00431-90008 8L 01 04 01 MAY78 AUG63 LONG CABLE INSTALL PROCEDURE - NOT AVAILABLE - SER BELOW 423-04101.0106 REC REPL	
131C	OPER & SERV MAN MAN CHANGE OPER & SERV MAN SERV MOTE SET BELOW 431C-1 431C-2 431C-3	FEB66 00431-9006 APR71 00431-90019 01 04 02 FOR SERIAL PFXES 651- & BELOW JAN67 00431-9006 NOV69 00431-90017 JUL70 00431-90020 01 04 02 FOR SERIAL PFXES 707- & ABOVE MAY78 SEP66 LONG CABLE OPT INSTALL PROCEDURE SER BELOW 618-01450.REPL DIODE KIT AUG67 SER BELOW 707-04050.F1 REC REPL	
32.A.	OPER & SERV MAN MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW 432A-1 432A-2 432A-3 432A-4A 432A-5 432A-6A 432A-7 432A-8 432A-9	JUN72 00432-90009 FEB85 0C432-90029 8L 01 04 02 AUG84 00432-90009 MAY77 00432-90009 OCT80 NOV68 WN CALIB PROC (WITHOUT USING 8477A) APR69 WN SER BELOW 843.INCR STAB DURING CALIB SEP69 WN SER BELOW 937-01850.IMPR BATT CHARGERADJ RANGE MOD NOV69 WN SER DWN 812-00200.ZERO + TRACK MOD SEP69 WN SER BELOW 840.LEVELING AMPLF COMPAT MAY73 WO ALL SER.LONG THERMIS MOUNT CABLE INST MAR70 WO SER BELOW 957-02950.COLD ENVIRON MOD APR70 WN SER BELOW 963-03550.100 OHM OPER MOD	
32A-H03	OP & SERV MAN SUPP	SEP70 00432-90021 NOV85 00432-90030 BL 01 04 01	
328	MAN SUPP C MAN SUPP MAN SUPP SERV NOTE SET BELOW 4328-1 4328-2A 4328-3A	NOV76 00432-90022 JUN79 00432-90026* 8L 01 04 01 USE 4328 FICHE 00432-90045 FEB80 00432-90044 AUG82 00432-90045* 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 AUG83 00432-90054 8L 01 04 01 USE 4328 FICHE 00432-90054 AUG83 00432-90054 A	

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452A-1
                                                          NOV68 WN CALIB PROC (WITHOUT USING 8477A)
                                                        APR69 WN SER BELOW 843.INCR STAB DURING CALIB
SEP69 WN SER BELOW 937-01850.IMPR BATT CHARGERADJ RANGE MOD
NOV69 WN SER DWN 812-00200.ZERO + TRACK MOD
SEP69 WN SER BELOW 840.LEVELING AMPLF COMPAT
                        432A-2
                        432A-3
                        432A-4A
                        432A-5
                                                        MAY73 WO ALL SER.LONG THERMIS MOUNT CABLE INST
MAR70 WO SER BELOW 957-02950.COLD ENVIRON MOD
APR70 WN SER BELOW 843.A2 LOGIC BRD REC REPL
SEP70 WO SER BELOW 968-03550.100 OHM OPER MOD
                        432A-6A
                        432A-7
                        432A-8
                        432A-9
432A-H03
                                                                                              NOV85 00432-90030 8L 01 04 01
                        OP & SERV MAN SUPP SEP70 00432-90021
432B
                                                                                             JUN79 00432-90026* 8L 01 04 01 USE 432B FICHE 00432-90045
AUG82 00432-90045* 8L 01 04 01 USE 432B FICHE 00432-90054
AUG83 00432-90054 8L 01 04 01
                        MAN SUPP C
                                                         NOV76 00432-90022
                                                          FEB80 00432-90044
                        MAN SUPP
                         MAN SUPP
                                                         MAY83 00432-90053
                        SERV NOTE SET BELOW
                                                                                              OCT81
                                                         JUL71 WO SER BELOW 1143A00310.REC REPL FOR 115V FUSE IS 2110-0201 OCT75 WA SER BELOW 1528A.IMPR OPER WITH DIGITAL RECORDER MOD
                        432B-1
                        432B-2A
                                                         AUG81 WO SER 1913A & BELOW. IMPR REPL DIGITAL PANEL METER INSTALL KIT (00432-60116)
                        432B-3A
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432¢	MAN SUPP MAN SUPP MAN SUPP MAN CHANGE SERV NOTE SET BELOW	MAY76 00432-90034	
	432C-1 432C-2 432C-3A 432C-4A	JAN73 WN SER 12134 + DOWN.COMPUTER OPER MOD NOV78 WO SER BELOW 1832A.MOD TO BUFFER PCD OUTPUT DATA. AUG81 WO SER 1906A & BELOW.IMPR REPL DIGITAL PANEL METER INSTALL KIT (00432-50117) SEP80 WO SER 1906A & BELOW.AUTO RANGE ASSY REPL FOR REMOTE OPERATION	
4328A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	SEP74 04328-99004 NOV74 04328-99054* 01 33 02 USE 4328A FICHE 04328-99055 OCT75 04328-99005 AUG77 04328-99055* 8L 01 33 02 USE 4328A FICHE 04328-90056 DEC78 04328-90056* 8L 01 33 02 USE 4328A FICHE 04328-90058 JAN82 04328-90008 SEP83 C4328-90058 8L 01 33 02 USE 4328A FICHE 04328-90058 OCT81	
	4728A-1 4328A-2 4328A-4 4328A-7 4328A-8	APR70 WO SER BELOW 819-01190.IMPR PROBE CABLE APR70 WO CALIB PROT & POS NEEDED CORRECTION DEC73 WO SER BELOW 1210.DETACHABLE PROBE KIT.SUPER 4328A-3 DEC73 WC SER 1210 & BELOW.PREF REPL PROBES JUL81 WN ALL SER.INSTALL INSTRUCT FOR RECHARGEABLE BATTERY, OPT 001	
4329A	OPER & SERV MAN MAN CHANGE	AUG74 04329-99006	
	SERV NOTE SET BELOW 4329A-1A 4329A-7A CONT'D	JUL73 WO SER BELOW 1207.SERV KIT TO ELIM CAPACITORS CONTAINING PCB NOV84 WN SER 2111J06487 THRU 2111J06568,2111J06570 THRU 2111J06574 & 2111J06576.REF INCORREC TRANS	L OF
1332A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL73 04332-99002	
1333A	OPER & SERV MAN OPER & SERV MAN	OCT75 04333-99000 JAN76 04333-99050* 8L 01 33 02 USE 4333A FICHE 04333-99051 APR77 04333-99001 APR77 04333-99051 8L 01 33 02	
1344	OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE	JUL68 00434-90006 FEB72 00434-90007 01 04 02 NOV71 00434-90006 APR61 434A-500A FEB83 00434-90009 8L 01 04 01 MAR62 434A-500A	
	SERV NOTE SET BELOW 434A-1G 434A-2A 434A-3 434A-4	APR79 DEC71 HEAD BOX INSTALL PROCEDURE - OPERATING PRECAUTIONS AUG65 SER BETWEEN 229-01151 + 345-01952.INCR FUSE VALUE FOR 50 CYCLE LINE OPERAT SEP70 WO SER BELOW 229-01151.MOTOR + PUMP REPL	10N
4342A	OPER & SERV MAN OPER & SERV MAN	JUL73 04342-99003 JAN76 04342-99053*	

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	MAN CHANGE	JAN82 04332-90004 MAR83 04332-90054 8L 01 33 02 MAY82 04332-90004
4333A	OPER & SERV MAN OPER & SERV MAN	0CT75 04333-99000 JAN76 04333-99050* 8L 01 33 02 USE 4333A FICHE 04333-99051 APR77 04333-99001 APR77 04333-99051 8L 01 33 02
434A	OPER & SERV MAN MAN CHANGE	JUL68 00434-90006 FEB72 00434-90007 01 04 02 NOV71 00434-90006
	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR61 434A-500A FE983 00434-90009 8L 01 04 01 MAR62 434A-500A APR79
	434A-1G 434A-2A	DEC71 HEAD BOX INSTALL PROCEDURE - OPERATING PRECAUTIONS
	434A-3 434A-4	AUG65 SER BETWEEN 229-01151 + 345-01952.INCR FUSE VALUE FOR 50 CYCLE LINE OPERATION SEP70 WO SER BELOW 229-01151.MOTOR + PUMP REPL
4342A	OPER & SERV MAN OPER & SERV MAN	JUL73 04342-99003
		성당 그림으로 그리다는 그로 사용하는 말로 다른 바로 나는 사람들이 하는 것이 되었다. 그리는 것은 그리는 것은 그리는 것은 것은 그리는 것은 사람들이 되었다.

PAGE 183 CRIPTION ***	11/08/85 MGDEL NUMBER	O LITERATURE C TYPE	PAGE 19 !/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
MODE	4342A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4342A-1	MAY78 04342-99005 JUN78 04342-99055* 8L 01 33 03 USE 4342A FICHE 04342-90056 OCT78 04342-9006 AUG79 04342-90056* 8L 01 33 03 USE 4342A FICHE 04342-90057 NOV79 04342-9007 JAN80 04342-90057* 8L 01 33 03 USE 4342A FICHE 04342-90058 AUG81 04342-9009 JUN83 04342-90059 8L 01 33 03 USE 4342A FICHE 04342-90059 AUG81 04342-90009 JUN83 04342-90059 8L 01 33 03
	4342A-001	OPER & SERV MAN MAN CHANGE	JUL73 04342-99003
	435A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 435A-1 435A-2 435A-2 435A-3 435A-4 435A-4 435A-4 435A-5 CONT'D 435A-6	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A FICHE 00435-90020 APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG73 WA SER 1234A + DOWN.LONG INPT CABLE MOD SEP75 WN SER BELOW 1527A.RANGE SWICH SELEC NOB SEP76 WN SER BELOW 1534U.RANGE SWICH SELEC NOB JAN78 WA SER BELOW 1733A.FUSE REPL FEB78 WA SER BELOW 1731U.FUSE REPL JAN78 WA SER BELOW 1750A.POWER SUPPLY CROWBAR MOD JUN78 WA SER 1823U & BELOW.REC PWR SUPPLY CROWBAR MOD MAY80 WA SER 1629A & BELOW & SER 2004U05330 & BELOW.N CONN MOD TO ALLOW PWR REF OUTPUT COMP WITH 8481B & 8482B OCT84 WN ALL SER.MOD TO IMPR ADJUST RNGE OF 50 MHZ REF OSCIL ASSY
	435A-001	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-001 FICHE 00435-90020 NOV80 00435-90032 NOV80 00435-90034 8L 01 04 01 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01
TO CORRECT	435A-002	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-002 FICHE 00435-90020 APR77 U0435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-002 FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG81 00435-90032
	435A-003	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-003 FICHE 00435-90020 APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-003 FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG81 00435-90032
ATTENING F RESP	435A-009	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-009 FICHE 00435-90020 APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-009 FICHE 00435-90034 NOV80 00435-90032 JAM82 00435-90034 8L 01 04 01 AUG81 00435-90032
	435A-010	OPER & SERV MAN	JUL74 00435-90011 MAY75 00435-90012* D1 04 03 USE 435A-010 FICHE 00435-90020

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435A-002	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 APR77 00435-90018 NOV80 00435-90032 AUG81 00435-90032	MAY75 00435-90012* 01 04 03 USE 435A-002 FICHE 00435-90020 NOV80 00435-90020* 8L 01 04 02 USE 435A-002 FICHE 00435-90034 JAN82 00435-90034 8L 01 04 01
435A-003	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 APR77 00435-90018 NOV80 00435-90032 AUG81 00435-90032	MAY75 00435-90012* 01 04 03 USE 435A-003 FICHE 00435-90020 NOV80 00435-90020* 8L 01 04 02 USE 435A-003 FICHE 00435-90034 JAN82 00435-90034 8L 01 04 01
435A-009	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 APR77 00435-90018 NOV80 00435-90032 AUG81 00435-90032	MAY75 00435-90012* 01 04 03 USE 435A-009 FICHE 00435-90020 NOV80 D0435-90020* 8L 01 04 02 USE 435A-069 FICHE 00435-90034 JAM82 00435-90034 8L 01 04 01
435A-010	OPER & SERV MAN	JUL74 00435-90011	MAY75 00435-90012* 01 04 03 USE 435A-010 FICHE 00435-90020

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435A - 910	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-010 FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG81 00435-90032
435A-011	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-011 FICHE 00435-90020 APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-011 FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG81 00435-90032
435A - 012	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-012 FICHE 00435-90020 APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-012 FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG81 00435-90032
435A-013	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL74 00435-90011 MAY75 00435-90012* 01 04 03 USE 435A-013 FICHE 00435-90020 APR77 00435-90018 NOV80 00435-90020* 8L 01 04 02 USE 435A-013 FICHE 00435-90034 NOV80 00435-90032 JAN82 00435-90034 8L 01 04 01 AUG81 00435-90032
435B	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	
	425B-1 435B-2	JAN83 WA ALL SER.MOD TO PREV ZERO CARRYOVER OFFSET ERRORS OCT84 WN SER 2442A & BELOW.MOD TO IMPR ADJUST RNGE OF 50 MHZ REF OSCIL ASSY
4350A	OPER & SERV MAN MAN CHANGE	JUL74 04350-99002 AUG77 04350-99052 8L 01 33 02 JUL77 04350-99002
4350B	OPER & SERV MAN MAN CHANGE	JUL74 04350-99002 AUG77 04350-99052 8L 01 33 02 JUL77 04350-99002
436A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	OCT75 00436-90001 NOV75 00436-90005* 8L 01 04 05 USE 436A FICHE 00436-90014 APR80 00436-90012 AUG84 00436-90014* 8L 01 04 05 USE 436A FICHE 00436-90035 JUL84 00436-90034 APR85 00436-90035 8L 01 04 05 MAR85 00436-90034
	436A-1 436A-2 436A-3 CONT'D 436A-4 436A-5 346A-6 436A-7 436A-8 436A-9 436A-10 436A-11	APR76 WA SER BELOW 1505A.REFERENCE OSCIL MOD APR78 WN ALL SER.HP-IB VERFN PGM USING 98.5A MAY80 WA SER 1629A01131 & BELOW & SER 1943U00880 & BELOW.N CONN MOD TO ALLOW PWR REF OUTPUT COMPAT WITH 84818 & 8482B MAY82 WN ALL SER.FOR NOISE TRBLSHTG JAN83 WN ALL SER.HP-IB OPT 022 RETROFIT JAN83 WN ALL SER.BCD OPT 024 RETROFIT JAN83 WN ALL SER.BCD OPT 024 RETROFIT JAN83 WA SER 2236A & BELOW.MOD OF HP-IB CONN MOUNT AUG83 WO SER 1938A04951 THRU 2101A12441.MOD TO ELIM GRND LOOP PROBLEM OCT84 WN ALL SER.HP-IB VERF PROG FOR HP9836 CONTROLLER OCT84 WN SER 2432A & BELOW.MOD TO IMPR ADJUST RNGE OF 50 MHZ REF OSCIL ASSY NOV84 WO SER 2410A & BELOW.REC MOD WHEN CHNG DISPLAY BD ASSY A1A1
436A-E40	OPER MAN MAN CHANGE	SEP83 00436-90024 AUG84 00436-90029 8L 01 04 02 MAR84 00436-90024
438A	SERV NOTE SET BELOW	그렇다는 그리다 그림 현대의 사람들은 그리다 하는 그 아이지는 그리다는 전에 가는 그는 그리다 가는 그리다는 그를 받았다. 그리다는 그리다는 그리다는 그리다는 그리다는 그리다는 그리다는 그리다는

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	430A-3 CONT'D 436A-4 436A-5 346A-6 436A-7 436A-8 436A-9 436A-10 436A-11	MAY82 WN ALL SER.FOR NOISE TRBLSHTG JAN83 WN ALL SER.HP-IB OPT 022 RETROFIT JAN83 WN ALL SER.BCD OPT 024 RETROFIT JAN83 WA SER 2236A & BELOW.MOD OF HP-IB CONN MOUNT AUG83 WO SER 1938A04951 THRU 2101A12441.MOD TO ELIM GRND LOOP PROBLEM OCT84 WN ALL SER.HP-IB VERF PROG FOR HP9836 CONTROLLER OCT84 WN SER 2432A & BELOW.MOD TO IMPR ADJUST RNGE OF 50 MHZ REF OSCIL ASSY NOV84 WO SER 2410A & BELOW.REC MOD WHEN CHNG DISPLAY BD ASSY A1A1	EF OUIPUI
436A-E40	OPER MAN MAN CHANGE	SEP83 00436-90024 AUG84 00436-90029 8L 01 04 02 MAR84 00436-90024	
438A	SERV NOTE SET BELOW	JUL85	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G	PAGE 200
438 A	438A-1 438A-2	*** DESCRIPTION *** DESCRIPTIO	TION And
6790EW	ADED 9 OCHV MAN	14NAO 47005-04000 AUGOA A7905-00000 91 D4 70 D4	

PAGE 185 PTION ***	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICKE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION	PAGE 200 N *** DESCRIPTION ***
	438A	438A-1 438A-2	OCT84 WN SER 2427A & BELOW.MOD TO IMPR ADJUST RNGE OF 50 MHZ REF OSCI JAN85 WN ALL SER.REAR PAN INPUT (OPT 002) RETROFIT INSTR	L ASSY
	43805M	OPER & SERV MAN	JANOD 43805-91999 AUG84 43805-90999 BL D1 30 D1	
	44002B	OPER NOTE	JAN76 44002-90000 JAN76 44002-90050 8L 01 09 01	
	440038	OPER NOTE	JAN76 44003-90000 JAN76 44003-90050 8L 01 09 01	
	440128	OPER NOTE	JAN76 44012-90000 JAN76 44012-90050 8L 01 09 01	
	44035A	OPER NOTE OPER NOTE	JUL77 44035-90000 SEP77 44035-90050* 8L 01 09 01 USE 44035A FICHE SEP77 44035-90001 JAN78 44035-90051 8L 01 09 01	44035-90051
	44035B	OPER NOTE OPER NOTE	JUL77 44035-90000 SEP77 44035-90050* 8L 01 09 01 USE 44035B FICHE SEP77 44035-90001 JAN78 44035-90051 8L 01 09 01	44035-90051
	44037A	OPER NOTE	NOV77 44037-90000 JAN78 44037-90050* 8L 01 09 01 NO LONGER AVAILA	BLE
	44037B	OPER NOTE	NOV77 44037-90000 JAN78 44037-90050* BL 01 D9 01 NO LONGER AVAILA	BLE
	44055A	OPER NOTE	AUG77 44055-90001 SEP77 44055-90051* 8L 01 09 01 NO LONGER AVAILA	BLE
SOC RESIST.	44055B	OPER NOTE	AUG77 44055-90001 SEP77 44055-90051* 8L 01 09 01 NO LONGER AVAILA	BLE
	44065A	OPER NOTE	OCT75 44065-90001 NOV75 44065-90051 8L 01 09 01	
	44045B	OPER NOTE	0CT75 44065-90001 NOV75 44065-90051 8L 01 09 01	
CIRCUIT	44090A	OPER NOTE	JAN77 44090-90002 FEB77 44090-90052 8L 01 09 01	
	44090B	OPER NOTE	JAN77 44090-90002 FEB77 44090-90052 8L 01 09 01	
	44095A	OPER NOTE	DEC76 44095-90000 AUG77 44095-90050* 8L 01 09 01 NO LONGER AVAILA	IBLE
	44095B	OPER NOTE	DEC76 44095-90000 AUG77 44095-90050* 8L D1 09 D1 NO LONGER AVAILA	BLE
	44195A	OPER NOTE	SEP77 44195-90000 DEC77 44195-90050* 8L 01 09 01 NO LONGER AVAILA	BLE
	4425A	OPER NOTE	MAR73 04425-99000 SEP73 04425-99050 01 33 01	
	4425B	OPER NOTE	MAR73 04425-99000 SEP73 04425-99050 01 33 01	
	4426A	OPER NOTE	MAR73 04426-99000 SEP73 04426-99050 01 33 01	
	4426B	OPER NOTE	MAR73 04426-99000 SEP73 04426-99050 \ 01 33 01	
	4436A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL76 04436-99001 AUG77 04436-99051* 8L 01 33 01 USE 4436A FICHE JAN78 04436-99002 JUN78 04436-99052* 8L 01 33 01 USE 4436A FICHE NOV81 04436-90002 NOV83 04436-90052 8L 01 33 01 SEP83 04436-90002	
	4437 A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	OCT72 04437-99001	

PAGE 186 11/08/85 MODEL O LITERATURE H/C H/C PART FICHE FICHE PART M P D P

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4426A	OPER NOTE	MAR73 04426-99000	SEP73 04426-99050	01 :	33 01		
4426B	OPER NOTE	MAR73 04426-99000	SEP73 04426-99050	、01 :	33 01		
4436A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUL76 04436-99001 JAN78 04436-99002 NOV81 04436-90002 SEP83 04436-90002	AUG77 04436-99051* JUN78 04436-99052* NOV83 04436-90052	8L 01 :	33 01 USE 44	36A FICHE 04436-99052 36A FICHE 04436-90052	
4437A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	OCT72 D4437-99001 AUG76 D4437-99002 NOV81 D4437-90003			33 01 USE 44	37A FICHE 04437-99052 37A FICHE 04437-90053	

PAGE 186 11/08/85 PAGE 201 MODEL 0 LITERATURE H/C H/C PART FICHE PART M P D P FICHE NUMBER C TYPE DATE NUMBER DATE NUMBER LTVG [PTION *** *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 4437h MAN CHANGE APR84 04437-90003 JUN84 04437-90053 8L 01 33 01 444A OPER NOTE JUN72 00444-90005 SEP72 00444-90006 01 04 01 4440B OPER & SERV MAN AUG71 04440-99001 FEB76 04440-99051* 8L 01 33 01 USE 4440B FICHE 04440-99052 AUG77 U4440-99052* 8L 01 33 01 USE 4440B FICHE 04440-99053 OPER & SERV MAN OCT75 04440-99002 DEC77 04440-99053* 8L 01 33 01 USE 4440B FICHE 04440-90053 OPER & SERV MAN DEC77 04440-99003 OPER & SERV MAN FEB82 04440-90003 JUN84 04440-90053 8L 01 33 01 MAN CHANGE APR84 04440-90003 44401A OPER NOTE FEB75 44401-90000 SEP85 44401-9005G 8L 01 09 01 44402A OPER NOTE FEB75 44401-90000 SEP85 44401-90050 8L 01 09 01 44403A OPER NOTE MAY77 44403-90000 AUG77 44403-90050* 8L 01 09 01 USE 44403A FICHE 44403-90052 OPER NOTE NOV77 44403-90002 JAN78 44403-90052 8L 01 09 01 44404A NOV77 44404-90000 OPER NOTE JAN78 44404-90050 8L 01 09 01 44405A OPER NOTE DEC77 44405-90000 JAN78 44405-90050 8L 01 09 01 44413A OPER NOTE NOV77 44413-90000 APR78 44413-90050* 8L 01 09 01 USE 44413A FICHE 44413-90051 OPER NOTE OCT79 44413-90001 DEC79 44413-90051 8L 01 09 01 44416A OPER NOTE AUG78 44416-90000 OCT78 44416-90050 8L 01 09 01 44420A OPER & SERV MAN JUNST 44420-90001 AUG81 44420-90051 8L 01 09 01 44420A-001 OPER & SERV MAN JUN81 44420-90001 AUG81 44420-90051 8L 01 09 01 44421A-010 OPER & SERV MAN AUG81 44421-90001 NOV81 44421-90051 8L 01 09 01 44422A SERV NOTE SET BELOW OCT82 44432A JUN82 WN ALL SER-OPERATIONAL VERIF PROC OF THERMOCOUPLE 44422A-020 OPER & SERV MAN AUG81 44421-90001 NOV81 44421-90051 8L 01 09 01 44423A OPER & SERV MAN JAN82 44423-90000 MAR82 44423-90050* 8L 01 09 02 USE 44423A FICHE 44423-90051 OPER & SERV MAN APR83 44428-90001 SEP83 44423-90051 8L 01 09 02 MAN CHANGE JUL83 44423-90001 44425A OPER & SERV MAN MAY81 44425-90001 JUL81 44425-90051 8L 01 09 01 44426A OPER & SERV MAN APR81 44426-90000 JUN81 44426-90050* 8L 01 09 DZ USE 44426A FICHE 44426-90051 OPER & SERV MAN 44427A OPER & SERV MAN MAR82 44427-90001 MAY82 44427-90051 8L 01 09 02 APPLICA NOTE 290-1 SEP81 5952-8880 44427B OPER & SERV MAN MAR82 44427-90001 MAY82 44427-90051 8L 01 09 02 APPLICA NOTE 290-1 SEP81 5952-8880 44428A OPER & SERV MAN JAN82 44428-90001 MAR82 44428-90051 8L 01 09 01 44429A-120 OPER & SERV MAN APR81 44429-90000 JUN81 44429-90050 8L 01 09 02

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	OPER & SERV MAN	MAR82 44426-90001	JUN81 44426-90050* MAY82 44426-90051			44426A FICHE	44426-90051	
44427A	OPER & SERV MAN APPLICA NOTE 290-1	MAR82 44427-90001 SEP81 5952-8880	MAY82 44427-90051	8L 01 09 0	2			
444278	OPER & SERV MAN APPLICA NOTE 290-1	MAR82 44427-90001 SEP81 5952-8880	MAY82 44427-90051	8L 01 09 0	2			
44428A	OPER & SERV MAN	JAN82 44428-90001	MAR82 44428-90051	8L 01 09 0	1			
44429A-120	OPER & SERV MAN	APR81 44429-90000	JUN81 44429-90050	8L 01 09 0	2 ,			
[2015년 1일 기술 경기 등 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		되지 않는 나라를 하고 있다는 것이 없는 사람들이	기계 사람들은 사람들이 살아 가게 되었다.			남살을 통다면 다른데 어떻다		한번, 그는 경험을 보고 가능한다면 하다.

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PAGE 187 TION ***

11/08/85 LITERATURE MODEL NUMBER FICHE PART M P D P NUMBER L T V G 0 H/C H/C PART FICHE TYPE DATE NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 44/30A-130 OPER & SERV MAN APR81 44429-90000 JUN81 44429-90050 8L 01 09 02 44431A-115 OPER & SERV MAN AUG81 44431-90000 MAR82 44431-90051 8L 01 09 02

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	MAN CHANGE		44431-90000		44451 70051			Ĭ,	"				
44432A	OPTION MAN	MAR82	44432-90000	MAY82	44432-90050	8L	01	09	01				
44461A-201	SERV MAN Install & Serv Man		44461-90000 44461-90001		44461-90050 * 44461-90051					USE	44461A	FICHE	44461-90051
44462A-020	SERV MAN Man Change		44462-90000 44462-90000	JUN84	44462-90050	8L	01	09	C2				
44465A-050	SERV MAN	FEB83	44465-90000	MAY83	44465-90050	8L	01	09	02				
44468A	DATA ACQU/CONT UNIT	DEC82	44468-90000	FEB83	44468-90050	8L	01	09	01				
44495A	OPER NOTE MAN CHANGE		44495-90000 44495-90000	AUG83	44495-90050	8L	01	09	01				
44496A	OPER NOTE OPER NOTE OPER NOTE	FEB81	44496-90000 44496-90001 44496-90002	JUN81	44496-90050* 44496-90051* 44496-90052	8L	01	09	01	USE	44496A 44496A	FICHE FICHE	44496-90051 44496-90052
44498A	OPER NOTE OPER NOTE		44496-90000 44496-90001	NOV80 JUN81	44496-90050±	8L 8L	01 01	09 09	01 01	USE USE	44498A 44496A	FICHE FICHE	44496-90051 44496-90052
44527A	OPER NOTE	JAN80	44527-90000	MAY80	44527-90050	8L	01	09	01				
44532A	OPER NOTE OPER NOTE OPER NOTE	MAY81	44532-90000 44532-90001 44532-90002	JUN81	44532-90050* 44532-90051* 44532-90052	* 8L	01	09	01	USE USE	44532A 44532A	FICHE FICHE	44532-90051 44532-90052
44538A	SERV MAN MAN CHANGE		44538-90003 44538-90003		44538-90053	8L	01	09	02				
	SERV NOTE SET BELOW 44538A/44539A/ 44540A-1	JAN84	WO SER # NOT	APR84 APPLICABI		IEL I	PLUG	3 TO	PA	DDLE	PIN C	ONN	
44539A	SERV MAN MAN CHANGE		44538-90003 44538-90003		44538-90053	8L	01	09	02				
	SERV NOTE SET BELOW 44538A/44539A/ 44540A-1	JAN84	WO SER # NOT	APR84 APPLICABI	LE.IMPROV PAN	IEL 1	PLUG	3 TO	PA	DDLE	PIN C	ONN	
44540A	SERV NOTE SET BELOW 44538A/44539A/ 44540A-1	JAN84	WO SER # NOT	APR84 APPLICABI	LE.IMPROV PAN	IEL I	PLUG	5 TO	PA	DDLE	PIN C	ONN	
44547A	TEST FIXTURE VERIF	· · · · · · · · · · · · · · · · · · ·	44547-90000 44547-90000	0СТ85	44547-90050	8L	01	09	01				
44593A	OPER NOTE	APR83	44593-90000	MAY83	44593-90050	ЯI	Ω1	nο	Ω1				

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11/08/85 PAGE 203 0 LITERATURE TYPE MODEL H/C H/C PART FICHE PART M P D P NUMBER L T V G FICHE NUMBER DATE NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

11/08/85 MODEL NUMBER

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5181A

SERV NOTE SET BELOW 44538A/44539A/ 44540A APR84 JAN84 WO SER # NOT APPLICABLE. IMPROV PANEL PLUG TO PADDLE PIN CONN 4454DA-1 TEST FIXTURE VERIF OCT82 44547-90000 MAN CHANGE AUG85 44547-90000 44547A OCT85 44547-90050 8L 01 09 01 44593A OPER NOTE APR83 44593-90000 MAY83 44593-90050 8L 01 09 01

51800A 5181A

11/08/85 MODEL NUMBER

5181A

5182A

51820A

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520A

5201L

5201L-01

5201L-02

5201L-03

5201L-04

5202L-01

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5202L-03

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1/08/85 MODEL NUMBER	0 LITERATURE C TYPE	H/C DATE		FICHE DATE N ***	NU	E PART MBER TION *	L	T	D P V G IPTICN	PAGE 203 V *** DESCRIPTION *** DESCRIPTION ***
46B	OPER NOTE	DEC66	00446-90001	OCT83	00446-	90002	8L ()1 O	4 01	20분명 : 이번 역 전문에 보는 10명 : 1 10명 : 10명 : 10
470A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4470A-1 4470A-2	APR71 FEB70	04470-99001 04470-99001 WA SER 851-,857	MAY78	-,910M	OD TO	RED !	.0 F	3 05 REQ NO)ISE
	4470A-4 4470A-5 4470A-6	AUG70 AUG70 SEP70 MAR71	WA SER BELOW 94 WA SER BELOW 94 WA SER BELOW 94 WA SER BELOW 94 WO SER BELOW 10 WA SER 851 TO	14.MOD] 14.MOD 14.MOD 124J.MO	(FICATIO TO SUPP TO STAB OD TO RE	N TO R RESS P ILIZE D EXCE	EDUCI ARAS/ PERFO SSIVI	E EX NTIC DRMA DRMA E IN	CESS N OSCIL NCE AT	NOISE AT 1 MHZ - AT 10 HZ OR 30 HZ.SUPER 4470A-3 F 100 HZ
470B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR71	04470-99100 04470-99100	MAY78						
	4470A-7/4470B-1	MAR71	WO SER BELOW 1)24J.MC	D TO RE	D EXCE	SSIV	E IN	TERNAL	NOISE
484	OPER NOTE MAN CHANGE		00448-90003 00448-90003	MAY80	00448-	90004	8L ()1 0	4 01	
5D	INSTR & OPER MAN	DEC60	00045-91367	OCT74	00045-	90057	. ()1 1	1 01	가 있는 것이 되었다. 그는 생각에 가르는 사람들은 사람들은 것이 되었다. 그는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
56A	OPER & SERV MAN	SEP73	00456-90004	DEC73	00456-	90054	()1 0	9 01	
57A	OPER & SERV MAN Man Change		00457-9002 00457-9002	SEP82	00457-	9003	8L ()1 0	2 01	
61A	MAN CHANGE SERV NOTE SET BELOW 461A-1A 461A/462A-2 461A/462A-1	JUN67 APR66		MAY78 8-0070 MATION E	D.Q4 TH PROCEDU	RU Q8 RE	REPL			IENT
62A			NOT AVAILABI	MAY78 Mation .e	PROCEDU	RE				ENT
63A	463A-4 463A-5 463A-6	FEB67 FEB67 JAN77 MAR68	RANGE SWITCH WN SAFETY.ALL	MAY78 24-0015 1 ALIGN 5ER. SA 58-0034	O.A1CR1 I TO ELI NFETY HA O.A3Q4,	,A1CR2 M PUSH ZARD E A3Q6 R	REPI BUTT(LIM		9 02 FROM S	STICKING
65 A		JUL75 DEC74	WN SAFETY-SHOCK 00465-90003 00465-90003	HAZAR		ION	8L ()1 0'	? 01	

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PAGE 204

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		163A-2 163A-3 163A-4 163A-5 163A-6	A-S		FEB67 JAN77 MAR68 JUL71	MN	RANGE SWI SAFETY.AL SER BELOW NOT AVAIL PREVENTIO	TCH ALI L SER. 738-00 ABLE	GN TO SAFET 340./	D ELIM PU TY HAZARD A3Q4,A3Q6	SHBUTTONS ELIM	FROM	STICKING	
		 63A-7	A:	r yfir lefe r Swyf Syst			SAFETY-SH							
465/		PER &		MAN			65-90003 65-90003	FEB	80 00	0465-9005	3 8L 01 (39 01		

5203L 5203L-02

5202L-04

11/08/85 MODEL PLIMBER	O LITERATURE C TYPE	PAGE 204 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
465A	SERV NOTE SET BELOW 465A-1 465A-2 465A-3A 465A-4 465A-5 465A-6	APR66 SER BELOW 530-00410.REPL C8 TO INCR GAIN ACCUR AT 5 HZ - NOT AVAILABLE MAR76 WO Q6 RECOMMENDED REPLACEMENT JUL 4 WN SER BELOW 0970A03785.HARMONIC DIST JUN78 WN SER 0970A05055 & BELOW.REC REPL FOR R28 DEC78 WO SER BELOW 0970A05175.REC REPL FOR TRANSISTOR Q9.
466A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 466A-1A 466A-2	AUG69 00466-90003 DEC81 00466-90053 8L 01 09 01 MAY70 00466-90003 JAN79 AC PWR SUPPLY INSTALLATION SER BELOW 019-00300.REDUCTION OF DIST
467A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 467A-1 467A-2 467A-3 467A-4	AUG69 00467-90003 MAR30 00467-90053 8L 01 09 01 DEC79 00467-90003 OCT80 MAY70 WO SER BELOW 949-02245.REC REPL FOR A1CR114,A1CR107 FOR IMPR OUTPT CURRENT LIMITING JUN74 WN SER BELOW 0994A03170.CROSSOVER DIST JUN78 WN SER 0994A03870 & BELOW.REC REPL FOR R1 MAY80 SER 0994A04125 & BELOW.REC REPL PARTS FOR Q1-Q4
475A	OPER & SERV MAN	APR50 475A-501A FEB79 5951-6225 8L 01 04 01
475B	OPER & SERV MAN	AUG56 475B-900 MAR76 00475-90001 8L 01 04 01
476A	OPER NOTE	MAY66 00476-90003 0CT70 00476-90005 01 04 01
477B	OPER NOTE MAN CHANGE SERV NOTE SET BELOW 4778-1F 4778-2	OCT65 4778-900 JAN75 00477-90001 01 04 01 MAY74 4778-900 APR79 DISASSY, ASSY, + TESTING PROCEDURE JAN74 WM ALL SER.RF CONN + THERMIS ASSY REPL
478 4	OPER & SERV MAN SERV NOTE SET BELOW	NOV77 00478-90016 MAY82 00478-90017* 8L 01 04 01 USE 478A FICHE 00478-90020 MAY85 00478-90019 SEP85 00478-90020 8L 01 04 01 APR79 OCT78 WO ALL SER.THERM ASSY REPL PROC. NG THE THERMISTOR ASSEMBLY OCT78 WO SER BELOW 49673.RF CONN ASSY REPL SEP78 WN SER BETWEEN 49673 & 65600.GROUND MOD TO PREVENT CURR FLOWING THRU THERMISTOR.
4800A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4800A-1 4800A-2 4800A-3 4800A-4	MAY68 04800-91014 JAN76 04800-91019 8L 01 21 02 SEP75 04800-91014 MAY78 SER 630 TO 805.REC SERVICE PROCEDURE FEB68 WO SER BELOW 805MOD KIT FOR REPL OF THERMISTOR A17R14 JUN69 MOD TO UP PWR-ON INDICATOR LIFETIME OCT69 WO SER BELOW 805MOD TO ELIM ERRATIC OPER DUE TO POWER SUPPLY LOADING
4801A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4801A-1 4801A-2 4801A-3	MAY68 04800-91014 JAN76 04800-91019 8L 01 21 02 SEP75 04800-91014 MAY78 JAN68 SER BELOW 640PREF REPL FOR Q3 & L6 - SER BELOW 802-00569.MOD TO STOP METER OSCILLATION - TRBLSHTG HINT (PROTECTIVE DIODES)

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5203L-03
521 SERIES
521A/C/D/E
5210A
5210B
52102A
52103A
52105A
5211A
5211B
52110A
5212A
5212A-02
5212A-03
52121A
52122A
52126A
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4801A OPER & SERV MAN MAY68 04800-91014 JAN76 04800-91019 8L 01 21 02 MAN CHANGE SEP75 04800-91014 SERV NOTE SET BELOW MAY78 4801A-1 JAN68 SER BELOW 640PREF REPL FOR Q3 & L6 4801A-2 - SER BELOW 802-00569.MOD TO STOP METER OSCILLATION 4801A-3 - TRBLSHTG HINT (PROTECTIVE DIODES)	4800A-4	OCT69 WO SER BELOW	W 805 MOD TO ELIM ERRATIC OPER DUE TO POWER SUPPLY LOADING	
4801A-1 JAN68 SER BELOW 640PREF REPL FOR Q3 & L6 4801A-2 - SER BELOW 802-00569.MOD TO STOP METER OSCILLATION	MAN CHANGE	SEP75 04800-91014	그는 호시 [1882] 이 시민 [1882] 이 시민	
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	4801A-1 4801A-2	JAN68 SER BELOW - SER BELOW	W 640PREF REPL FOR Q3 & L6 W 802-00569.MOD TO STOP METER OSCILLATION	
문에 가는 하면 보고 보면 가는 사람이 있다. 그렇게 하는 사람들은 사람들은 사람들이 되었다. 그는 이 경우를 만드려면 하는 사람들은 사람들은 사람이 되었다. 사람들은 사람들은 사람들은 사람들은 사 				

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4801A	4801A-4	- SER BELOW 802 MAGNETIC SHIELD FOR KI
4815A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG66 04815-90011
	4815A-1 4815A-2 4815A-3 4815A-4A 4815A-5 4815A-6	- MOD KIT TO PROVIDE IMPR PROBE CENTR PIN.ALSO USED WITH TYPE 00601A COMPON MNTG ADAPT - CIR CHNG WHEN REPL TRANS & STOP METER OSCILLATION - SER BELOW 740MOD TO IMPR ALC BANDWIDTH CONTROL SEP70 WO SER BELOW 840PREF REPL DIODE AZCR3 JUN69 PREF TRANS REPL NOV72 WN IMPED & PHASE ACCUR CK FIXTURE CHANGE
485B	OPER NOTE	FEB69 00485-90005 NOV85 00485-90006 8L 01 04 01
486A	OPER NOTE OPER & SERV MAN	MAR71 00486-90019 APR71 00486-90020* 01 04 01 USE 486A FICHE 00486-90024 JUL78 00486-90023 NOV78 00486-90024 8L 01 04 01
487B	SERV NOTE SET BELOW X-487B-1A	APR79 - METHOD FOR TESTING + REPL THERMISTOR
189 ∧	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG70 00489-90006 MAY85 00489-90007 8L 01 45 02 APR82 00489-90006 APR79
	489A-7/491C-7 489A-8/491C-8	OCT75 WN ALL SER.IMPR TWT INSTALL.SUPERSEDES ALL PREV SERVICE NOTES OCT76 WN ALL SER.REPLACEMENT OF RELAY K2
190A	OPER & SERV MAN	AUG62 490A-900 APR81 5951-6227 8L 01 04 01
908	OPER & SERV MAN MAN CHANGE	SEP60 490B-900 APR81 5951-6228 8L 01 04 01 JUL62 490B-900
4900A	OPER MAN MAINT MAN SERV MAN SERV MAN	SEP73 04900-90003 FEB85 04900-90010 8L 01 38 01 AUG68 04900-90000 APR71 04900-90011* 01 38 02 USE 4900A FICHE 04900-90013 JUL76 04900-90012 NOV77 04900-90013* 8L 01 38 02 USE 4900A FICHE 04900-90015 FEB82 04900-90014 SEP83 04900-90015 8L 01 38 01
4901A	OPER MAN MAINT MAN SERV MAN SERV MAN	SEP73 04900-90003
4904A	SERV MAN OPER MAN SERV MAN SERV NOTE SET BELOW	NOV70 04904-90012 SEP75 04904-90013* 8L 01 38 02 USE 4904A FICHE 04904-90023 OCT72 04904-90011 SEP73 04904-90018 01 38 02 SEP83 04904-90024 DEC83 04904-90023 8L 01 38 02
	4904A-1-S	APR84 WA SAFETY:SER 2023A9655 & BELOW.TEST FOR POT HAOCK HAZ SUPERSEDED BY 4904A-1-S
4905A	OPER & SERV MAN OPER & SERV MAN	AUG77 04905-90005 AUG77 04905-90007* 8L 01 38 01 USE 4905A FICHE 04905-90009 JAN83 04905-90008 SEP83 04905-90009 8L 01 38 01
191A	OPER & SERV MAN SERV NOTE SET BELOW 491A-1B 491A-2	MAR61 491A-500A MAY71 00491-90002 01 45 01 APR79 NOV65 SER 130 + DOWN.PROC TO USE NEW TWT PROC TO INSTALL REPL ELECTROMAGNET

11/08/85 MODEL NUMBER 5214L 5214L-02 5214L-03 5216A 522A 522B 5221A 5221B 5223L 5223L-02 5223L-03

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491C OPER & SERV MAN MAN CHANGE

AUG70 00489-90006 APRR2 00489-90006

MAY85 00489-90007 8L 01 45 02

491C 4910A 4910B	TYPE 491A-3 OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 489A-7/491C-7 489A-8/491C-8 PRELIM MAN INSTR MAN OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW 4910B-1	- NOT AVAI AUG70 00489-90006 APR82 00489-90006	PTION *** DESCRIF LABLE MAY85 00489- APR79 IMPR TWT INSTALL. REPLACEMENT OF RESEPT3 04910- SEP73 04910-	90007 8L 01 45 02 SUPERSEDES ALL PRE LAY K2 90028* 01 38 01	ON *** DESCRIPTION *** DESCRIPTION ***
910A 910B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 489A-7/491C-7 489A-8/491C-8 PRELIM MAN INSTR MAN OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG70 00489-90006 APR82 00489-90006 OCT75 WM ALL SER. OCT76 WN ALL SER. AUG73 04910-90000 AUG73 04910-90004 JAN71 04910-90005	MAY85 00489- APR79 IMPR TWT INSTALL. REPLACEMENT OF RI SEP73 04910- SEP73 04910-	SUPERSEDES ALL PRESLAY K2 90028* 01 38 01	
910A 910B	MAN CHANGE SERV NOTE SET BELOW 489A-7/491C-7 489A-8/491C-8 PRELIM MAN INSTR MAN OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR82 00489-90006 0CT75 WN ALL SER. 0CT76 WN ALL SER. AUG73 04910-90000 AUG73 04910-90004 JAN71 04910-90005	APR79 IMPR TWT INSTALL. REPLACEMENT OF RI SEP73 04910- SEP73 04910-	SUPERSEDES ALL PRESLAY K2 90028* 01 38 01	
910A 910B	489A-7/491C-7 489A-8/491C-8 PRELIM MAN INSTR MAN OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW	OCT75 WN ALL SER. OCT76 WN ALL SER. AUG73 04910-90000 AUG73 04910-90004 JAN71 04910-90005	IMPR TWT INSTALL. REPLACEMENT OF RI SEP73 04910- SEP73 04910-	:LAY K2 ·90028*	V SERVICE NOTES
9108 910C	INSTR MAN OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG73 04910-90029 AUG73 04910-90004 JAN71 04910-90005	SEP73 04910-		그들이 다음 아들아들은 그를 다른 사람들이 모르는 아름이 들었다.
910c	SERV MAN Man Change Serv Note Set Below	JAN71 04910-90005		90030 01 38 01	USE 4910B FICHE 04910-90007
910C	MAN CHANGE Serv note set below			90007 8L 01 38 01	
910c (APR71 04910- Jan79	90008 01 38 02	
	<u>교실점하고</u> 하는 그리고 그를 하나라다	AUG70 WN MOD TO R	ED AC I/O ON OPE	이 마셨다면서 바라지 하나다.	
	OPER MAN Serv man Man Change	AUG73 04910-90004 JAN71 04910-90005 JAN00 04910-90005	OCT84 04910- APR71 04910-		一个大大,大学的一种,我们就是一个大大大,我们们的一个一种的人的人,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
A	OPER MAN SERV MAN	AUG74 04910-90010 MAR77 04910-90011		90020 8L 01 38 01 90021 8L 01 38 02	
	SERV NOTE SET BELOW 4910F-3		JUL81	C REPL OF 4 TIER PO	NG 발표를 가는 사람이 말을 통다는 것은 이번 사람들이 보고 있다.
	OPER & SERV MAN OPER & SERV MAN	MAR77 04910-91002 FEB83 04910-91035		91003* 8L 01 38 03 91036 8L 01 38 03	USE 4910G FICHE 04910-91036
	SERV NOTE SET BELOW 49106-1 49106-2 49106-3 49106-4	SEP77 WO SER 1636 JAN78 WA SER 1636	APR84 A01011 & BELOW.MG A00205 & BELOW.MG REC INSTALL OF B/	D TO ADD PROTECTION TO IMPROVE XTAL (N TO FORM C RELAY.
S	OPER MAN SERV MAN MAN CHANGE	SEP73 04912-90004 MAY77 04912-90019 JUN77 04912-90019	SEP73 04912- JUL77 04912-	90005 01 38 01	
	OPER MAN MAN CHANGE	MAY73 04913-90001 JUL73 04913-90001	NOV85 04913-	90002 8L 01 38 01	
	SERV MAN	JUN74 04913-90003	AUG74 04913-	90004 8L 01 38 02	
	SERV MAN Man Change	MAY72 04914-90003 JAN77 04914-90003	NOV77 D4914-	90004 8L 01 38 01	
916 A 0	OPER & SERV MAN	SEP77 04916-90000	NOV77 04916-	90006 8L 01 38 01	
	OPER & SERV MAN MAN CHANGE	JAN74 04917-90000 MAR75 04917-90000		90004 01 38 01	
	OPER & SERV MAN MAN CHANGE	JUL70 04918-90006 JUN77 04918-90006		90010 8L 01 38 01	
	OPER & SERV MAN OPER & SERV MAN	OCT56 492A/494A-5 OEC59 492A/494A-5		229 8L 01 45 03	SER 5 & ABOVE (BUT BELOW SER PFX 947-) SER PFX 947- TO SER PFX 010-

MAY71 00491-90002

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AUG77 04905-90007* 8L 01 38 01 USE 4905A FICHE 04905-90009 SEP83 04905-90009 8L 01 38 01

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192A	MAN OPE	I CHANGE I SUPP IR & SERV MAN I CHANGE	JUN69 JAN62	492A/494A-501B 492A/494A-501B 492A/494A-900 492A/494A-900		5951-6229		01	(Aug	TION *** DESCRIPTION *** DESCRIPTION *** 03 SER PFX 010- & ABOVE
1920A		R MAN IV MAN		04920-90002 04920-90047		04920-90034 04920-90048		01 01		
9204-002	SER	IV MAN	JUL71	04920-90047	AU671	04920-90048		01	38 (- 1
920A-003	SER	IV MAN	JUL71	04920-90047	AUG71	04920-90048		01	38 (
925 a	The second of th	R & SERV MAN I Change		04925-90001 04925-90001	SEP83	04925-90011	8L	01	38 (03
925B	39E	R & SERV MAN	FEB85	04925-90021	JUN85	04925-90022	٤L	01	38 (
19 3A	MAN	ER & SERV MAN I Change IV Note set below		00493-90004 00493-90004	FEB85 0CT79	00493-90006	8L	01	45 (02
		8A-6/495A-6 8A-7/495A-7	0CT76	WN ALL SER.IMPR WN ALL SER.REPL	TWT I	NSTALL.SUPERSI	DES	AL	L PI	REV SERVICE NOTES
930A	SER OPE SER 493 493 493	R MAN V MAN R & SERV MAN RV NOTE SET BELOW 10A-2 10A-3 10A-4 10A-5 10A-6	NOV75 AUG83 MAY76 MAY76 OCT76 MAY78	04930-90002 04930-90004 04930-90017 WO SER 1522A008 WO SER 1522A008 WO SER 1522A011 WN ALL SER.REC WN SER 1522A014	JAN76 FEB84 APR84 00 & B 00 & B 52 & B INSTAL	04930-90018 ELOW.ADD OF THE SELOW.MOD TO ALE SELOW.ADD HV GILL OF BATTERY	8L 8L ST D N	COR IEW ID J	38 (38 (38 (38 (38 (38 (38 (38 (03 USE 4930A FICHE 04930-90018 03 TRAIN RELIEF. TERY COVER. ER TO IMPR PERF
1935A	SER 493 493 493 493 493 493 493	R & SERV MAN NOTE SET BELOW 5A-1 5A-3A 5A-5A 5A-6 5A-7 5A-8 5A-11A 5A-12A	OCT81 FEB82 MAR82 MAY84 MAY82 AUG82 SEP82 MAY83 SEP84	WN ALL SER.BATT	OCT85 05 & B ERY RE REATER ABOVE. BELOW. BELOW. BELOW. ABOVE.	TROFIT INSTRUCTIONS TROFIT INSTRUCTION TROFIT INSTRUCTION TO PREV FOR THE PROPERTY OF THE P	IM TIO OMF SE O M L O	POT N AT TO BLO IAKE F O MEA	SWI HITH HING NEW UTPU S	TCH BD TRACE PROBLEM H REV A CHARGER BD PR PERFORM G W TRANS BW COMP UT LEVEL CNTRL
1936A	493	V NOTE SET BELOW 64-1 64-2	JAN84	WN SER 2141A,22 WN ALL SER.RETR	APR84	2110U.PREF REI	`L F	OR	84 7	TRANSMITTER BD
937A	493	V NOTE SET BELOW 17A-1 17A-2	NOV84 JUL85	WO SER 2418 & B WN SER 2523A &	OCT85 ELOW.M BELOW.	DD TO IMPR THI SERV THE RETRO	HO FIT	LD IN	CIR Stri	
938A	OPE	R & SERV MAN	SEP84	04938-90003	ACTOA	04938-90004	01	.	70 <i>(</i>	그 얼마, 이름이 얼마를 하루다면서는 그는 네일이었다.

11/08/85 **PAGE 208** MODEL 0 LITERATURE H/C FICHE PART M P D P H/C PART FICHE NUMBER TYPE DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 4938A SERV NOTE SET BELOW JUL85
JAN85 WA SER 2450A & BELOW.CORREC REN-3 LOAD 4938A-1 494A OPER & SERV MAN OPER & SERV MAN OCT56 492A/494A-501A FEB79 5951-6229 OEC59 492A/494A-501B 8L 01 45 03 SER 5 & ABOVE (BUT BELOW SER PFX 947-) SER PFX 947- TO SER PFX 010-MAN CHANGE FEB61 492A/494A-501B

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938A	SERV NOTE SET BELOW 4938A-1	보고 있다. 하는 사람들은 동생은 아이는 문양을 가지 않는데 보다는 사람들이 살려왔다. 이 일본 사는 사람들은 사람들이 살아가는 사람이 가장 아이를 받는다.	
944	OPER & SERV HAN OPER & SERV HAN MAN CHANGE MAN SUPP OPER & SERV MAN MAN CHANGE	OCT56 492A/494A-501A FEB79 5951-6229 8L 01 45 03 SER 5 & ABOVE (BUT BELOW SER I SER PFX 947- TO SER PFX 010-FEB61 492A/494A-501B JAN62 492A/494A-501B JAN62 492A/494A-900 SER PFX 010- & ABOVE JAN63 492A/494A-900	PFX 947-)
	OPER MAN MAN CHANGE SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 4940A-1 4940A-2 4940A-3 4940A-5 4940A-5 4940A-7 4940A-8 4940A-9 4940A-10-S 4940A-11 4940A-12 4940A-13 4940A-15 4940A-15 4940A-16	JUL76 04940-90010 NOV77 04940-90011 8L 01 38 02 JAN77 04940-90010 MAY77 04940-90012 JUN77 04940-90013* 8L 01 38 08 USE 4940A FICHE 5957-44/14 OCT82 04940-90043 OCT83 5957-4414 8L 01 38 06 JAN83 JUN74 WA SER BELOW 1401A-00146.MOD TO IMPR PERF OF THE IMPULSE NOISE THRESHOLD MEASEP74 WA SER BELOW 1401A-00183.MOD TO IMPR PWR SUPY RELIABILITY NOV77 WO SER BELOW 1401A-00300.MOD TO IMPR PWR SUPY RELIABILITY DEC74 WO SER BELOW 1401A-00116.MOD TO IMPR TRANSMITTER HARMONIC SUPPRESSION MAR75 WO SER BELOW 1401A-00325.MOD TO STOP A POTENTIAL AUTO-STEP LOCK-UP PROBLEM JUL75 WA SER BELOW 1401A-00492.MOD TO STOP A POTENTIAL NOISE MEAS PROBLEM,4940A JUL75 WA SER BELOW 1401A-00555.MOD TO STOP A POTENTIAL NOISE MEAS PROBLEM,4940A JUL75 WA SER BELOW 1401A-00555.MOD TO STOP A POTENTIAL NOISE MEAS PROBLEM,4940A AUG75 WN SER BELOW 1401A-00555.MOD TO STOP A POTENT HI FREQ OSCIL IN NON-LINEAR DISAUG75 WN SER BELOW 1401A-00682.REVISION TO ELIMINATE A POTENTIAL SHOCK HAZARI MAY76 WA SAFTY.SER BELOW 1401A-00682.REVISION TO ELIMINATE A POTENTIAL SHOCK HAZARI MAY76 WN SER BELOW 1401A-001234 & BELOW.REC MOD TO IMPR POWER SUPPLY REL NOV77 WO SER BELOW 1401A-01131.RECEIVER INPUT IMPR APR79 WN HOD TO IMPROVE LOW FREQ PHASE JITTER MEASUREMENT. OCT82 WO SER 1401A & BELOW.PWR SUPPLY IMPRE AND MINI REPAIR	STAND MODE STORT MODE
9424	4942A-2 4942A-3 4942A-4A	DEC76 04942-90002 NOV77 04942-90003 8L 01 38 05 JUL77 04942-90002 MAY76 04942-90001 NOV84 04942-90032 8L 01 38 01 OCT82 DEC76 WN ALL SER.FIELD INSTAL OF OPT 010 (HP-IB) MAY77 WO SER BELOW 1624A00182.ACTIVE HOLD CIRCUITRY IMPRS JUL77 WO SER BELOW 1624A00197.ENV DELAY IMPR JUL80 WN ALL SER.A6 OR A17 RF CABLE REPL COMPATIBILITY MAY80 WN ALL SER.A6 OR A17 RF CABLE REPL COMPATIBILITY JUL80 WN ALL SER.A4,A5,A6, OR A17 BD RF CABLE COMPATIBILITY JUL80 WN ALL SER.A4-A5 RF CABLE REPL COMPATIBILITY DEC81 WN ALL SER.MOD TO A8 MODEM ASSY TO ENSURE VALID MODEM SELF CHECK APR82 WN ALL SER.A23 PWR SUPPLY MOD TO IMPR PERFORM	
1943A	MAN CHANGE OPER NOTE SERV NOTE SET BELOW 4943A-2 4943A-3 4943A-4 4943A-5	MAY78 04943-90002 MAY82 04943-90003 8L 01 38 05 MAR82 04943-90002 JAN78 04943-90026 JAN79 04943-90027 8L 01 38 01 WITH 9825A CONTROLLER OCT82 SEP79 WN ALL SER.INSTRUCT FOR FIELD INSTALL OF OPT 010 (HP-IB) SEP79 WO SER 1731A00205 & BELOW.MOD TO CORRECT A8 MODEM DUTY CYCLE NOV79 WA SER 1731A00254 & BELOW.MOD TO IMPROVE PERF MAY80 WN SER 1731A00290 & BELOW.A6 OR A17 RF CABLE REPL COMPATIBILITY JUL80 WN SER 1731A00290 & BELOW.A3,A5,A6,OR A17 BD RF CABLE COMPATIBILITY	

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 209 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
4943A	4943A-7 4943A-8A 4943A-9 4943A-10 4943A-11	MAR80 WO SER 1731A00240 & BELOW.MOD TO IMPROVE PERF & PREVENT INTERMITTANT LEVEL DROPOUT JUL80 WN SER 1731A00290 & BELOW.A6 OR A17 RF CABLE REPL COMPATIBILITY JUN80 WA SER 1731A00254 & BELOW, OPT 010.95C PARTS REPL TO IMPROVE PERF DURING HP-IB OPER DEC81 WO SER 2015A00446 & BELOW.MOD TO A8 MODEM ASSY TO ENSURE VALID MODEM SELF CHECK APR82 WO SER 2215A & BELOW.A23 PWR SUPPLY MOD TO IMPROPERFORM
4943A-010	OPER & SERV MAN	MAY78 04943-90002 MAY82 04943-90003 8L 01 38 05

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4943A	4943A-7 4943A-8A 4943A-9 4943A-10 4943A-11	MAR80 WO SER 1731A00240 & BELOW.MOD TO IMPROVE PERF & PREVENT INTERMITTANT LEVEL DROPOUT JUL80 WN SER 1731A00290 & BELOW.A6 OR A17 RF CABLE REPL COMPATIBILITY JUN80 WA SER 1731A00254 & BELOW. OPT 010.REC PARTS REPL TO IMPROVE PERF DURING HP-IB OPER DEC81 WO SER 2015A00446 & BELOW.MOD TO A8 MODEM ASSY TO ENSURE VALID MODEM SELF CHECK APR82 WO SER 2215A & BELOW.A23 PWR SUPPLY MOD TO IMPROPERFORM
4943A-010	OPER & SERV MAN	MAY78 04943-90002 MAY82 04943-90003 8L 01 38 05
4943A-012	OPER & SERV MAN	MAY78 D4943-90002 MAY82 D4943-90003 8L D1 38 D5
4943A-015	OPER & SERV MAN	MAY78 04943-90002 MAY82 04943-90003 8L 01 38 05
4943A-019	OPER & SERV MAN	MAY78 04943-90002 MAY82 04945-90003 8L 01 38 05
4943A-910	OPER & SERV MAN	MAY78 04943-90002 M4782 04943-90003 8L 01 38 05
49444	OPER & SERV MAN OPER NOTE OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 4944A-1A 4944A-2 4944A-3 4943A-5 4944A-5B 4944A-6 4944A-7A	OCT79 WN ALL SER.FIELD INSTALL OF OPT 010 NOV79 WA SER 1737A00476 & BELOW.MOD TO IMPROVE PERF SEP79 WO SER 1737A00328 & BELOW.MOD TO CORRECT A8 MODEM DUTY CYLE MAY80 WN SER 1737A00570 & BELOW.A6 OR A17 RF CABLE REPL COMPATIBILITY JUL80 WN SER 1737A00570 & BELOW.A4-A5 RF CABLE REPL COMPATIBILITY MAR80 WO SER 1737A00481 & BELOW.MOD TO IMPROVE PERF & PREVENT INTERMITTENT LEVEL DROPOUT JUL80 WN SER 1737A00570 & BELOW.A7 OR A17 RF CABLE REPL COMPATIBILITY
4945A	4944A-8 4944A-9A 4944A-12A OPER MAN	JULSO WN SER 1737A00570 & BELOW.A3,A4.A5,A6, OR A17 BD RF CABLE COMPATIBILITY DEC81 WO SER 2027A01021 & BELOW.MOD TO A8 MODEM ASSY TO ENSURE VALID MODEM SELF CHECK FEB85 WA SER 2027A008999 & BELOW.SELF CHECK FAILURE UNDER COOL/DAMP CONDITIONS NOV83 04945-90001 JAN84 5957-4434 * 8L D1 38 03 USE 4945A FICHE 04945-90024
	SERV MAN MAN CHANGE OPER INSTRU SUMMARY SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELOW	MAY85 04945-90021
	4945A-1 4945A-2 4945A-3 4945A-4	JUL85 NOV84 WA SER 2435A & BELOW.MOD TO PREV PWR SUPPLY REGLT FROM SHORTING TO CHASSIS JAN85 WA PWR SUPPLY MOD TO IMPROV PERF JAN85 WA SER 2435 & BELOW.SOFTWARE UPGRADE REV 2.0 FEB85 WN SERV KIT MOD
495A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 493A-6/495A-6 493A-7/495A-7 495A-8B	AUG66 00493-90004 FEB85 00493-90006 8L 01 45 02 APR73 00493-90004 OCT79 OCT75 ALL SER.IMPR TWT INSTAL.SUPERSEDES ALL PREV SERVICE NOTES OCT76 WN ALL SER.REPLACEMENT OF RELAY K2 JUN79 WO SER 826-01311 THRU 1717A.MOD TO PREVENT ARCING IN HI VOLT CIRCUITS.
4950A	PRELIM MAN	AUG73 04950-90000 NOV85 04950-90003 8L C1 38 01
4951A	SERV MAN	APR84 04951-90002 JUL84 04951-90005 8L 01 38 04

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SERV NOTE TO BELOH
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                                                              OCT85
                                      NOV84 WA SER 2435A & BELOW. MOD TO PREV PWR SUPPLY REGLT FROM SHORTING TO CHASSIS AUG84 WO SER 2426 & BELOW. IMPR HOLE DETECTION CIRCUITRY ON TAPE OPT DB'S
                4951A-1
                4951A-2
                4951A-3
                                      OCT84 WO SER 2426A01325 & BELOW. IMPR KEYBD CABLE
                4951A-4
                                      OCTO4 WA ALL SER. 1/O POD CAUTION LABEL
                4951A-5
                                      NOV85 WA SER 2443A & BELOW-REC PROC TO CORREC TAPE SERVO ERROR
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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 210 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
4951A	OPER MAN MAN CHANGE OPER & SERV MAN SERV NOTE TO BELOW 4951A-1 4951A-2 4951A-3 4951A-4 4951A-5 4951A-6 4951A-7 4951A-8B 4951A-10A 4951A-11 4951A-12 4951A-12 4951A-13 4951A-14	APR84 04951-90003 JUN84 04951-90004 8L 01 38 04 MAY84 04951-90008 NOV84 04951-90009 8L G1 38 04 OCT85 NOV84 WA SER 2435A & BELOW.MOD TO PREV PWR SUPPLY REGLT FROM SHORTING TO CHASSIS AUG84 WO SER 2426 & BELOW.IMPR HOLE DETECTION CIRCUITRY ON TAPE OPT DB'S OCT84 WO SER 2426A01325 & BELOW.IMPR KEYBD CABLE OCT84 WA ALL SER.I/O POD CAUTION LABEL NOV84 WA SER 2443A & BELOW.REC PROC TO CORREC TAPE SERVO ERROR NOV84 WA SER 2443A & BELOW.PROC TO REWIRE THE PWR SWTCH JAN85 WA SER 2443A02576 & BELOW.SCC RETROFIT KIT JUL85 WA SER 2443A2722 & BELOW.IMPR CARRYING HANDLE FEB85 WN ALL SER.FINAL TEST PROC MAY85 WA SER 2443A & BELOW.SOFTWARE REV APR85 WA SER 2508A TO 2508A03891 & BELOW.MOD TO CORREC INTERMITTENT "SERVO ERROR" MESSAGE MAY85 WA SER 2508A03891 & BELOW.MOD TO PREVENT BERT ERRORS JUL85 WA SER 2528A & BELOW.MOD TO PREVENT READ AMPLF ERRORS JUL85 WA SER 2528A & BELOW.MOD TO PREVENT READ AMPLF ERRORS JUL85 WA TAPE DRIVE ASSY MOD
4953A	OPER MAN REPAIR MAN OPER MAN SERV NOTE SET BELOW 4953A-1A 4953A-2 4953A-3 4953A-4 4953A-5 4953A-6	SEP84 04953-90005 JUN85 04953-90006* 8L 01 38 05 USE 4953A FICHE 04953-90022 SEP84 04953-90014 NOV84 04953-90016 8L 01 38 02 JUN85 04953-90020 AUG85 04953-90022 8L 01 38 05
4955A	SERV MAN QUICK REF GUIDE OPER & PROG MAN OPER & PROG MAN OPER & PROG MAN SERV NOTE SET BELOW 4955A-1B 4955A-2B 4955A-3 4955A-4 4955A-5 4955A-6 4955A-6 4955A-8 4955A-9 4955A-9	AUG83 04955-90004 OCT83 5957-4415 8L 01 38 06 AUG83 04955-90005 JAN84 04955-90006 &L 01 38 01 JUL83 04955-90015 SEP83 04955-90016 &L 01 38 03 JUL84 04955-90024 JAN85 04955-90025* 8L 01 38 03 USE 4955A FICHE 04955-90030 MAR85 04955-90029 JUN85 04955-90030 8L 01 38 03 OCT85 JUL85 WA FIRMWARE UPGRADE TO REV 1.2 OPER SYS 1.0 BASIC FROM REV 1.0 & 1.1 OPER SYS OCT83 WA SER 2248A & BELOW.TAPE SYSTEM IMPROV AUG83 WA SER 2309A & BELOW.MOD TO PREVENT EXCESS HP-IB LOADING AUG83 WO SER 2317A & BELOW.MOD TO IMPROV PERF AT TURN-ON AUG83 WO SER 2317A & BELOW.MOD TO PREV PREMATURE BATT FAILURE SEP83 WA SER 2320A & BELOW.MOD TO PREV PREMATURE BATT FAILURE SEP83 WA SER 2320A.INTERFAC INTERCONN CABLE MISWIRES AUG83 WA SER 2320A & BELOW.MOD TO PREV DISPLAY FAILURE & LP INTERFACE-DYNAMIC RAM FAILURE OCT83 WA SER 2331A & BELOW.MOD TO CORREC H V FAILURE MAR85 WA SER 2507A & BELOW.MOD TO CORREC H V FAILURE MAR85 WA SER 2507A & BELOW.NOTIF OF FIRMWARE REV 2.0 UPGRADE MAR85 WO SER 2404A & BELOW.PREF REPL FOR HP P/N 04955-62617 TRAP MACHINE KIT
4960A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 4960A-2S CONT'D 4960A-3 4960A-4	MAR82 04960-90002 MAR83 04960-90003 8L 01 38 02 JUL81 AUG79 WA SAFETY.SER 1706A00340 & BELOW EQUIPPED WITH SELECT LINE VOLT INPUTS.HOD TO PREVENT AC LINE VOLTAGES AT FROMT PANEL CONNS JUL79 WN SER 1706A00325 & BELOW.MOD TO ALLOW SELECTABLE LINE VOLTAGE INPUT AUG79 WO SER 1706A00300 & BELOW.MOD TO REMOVE PWR FM LINE SWITCHING RELAYS TURNING PWR DOWN

11/08/85 MODEL C NUMBER C	
5247M	MAN CHANG OPER MAN
5247M-01	SERV MAN MAN CHANG
5247M-02	SERV MAN MAN CHANG
5247M - 03	SERV MAN Man Chang
5248L	OPER & SE Man Chang
5248L=002	OPER & SE MAN CHANG
5248L-003	OPER & SE MAN CHANG
5248M	OPER & SE
5248M-002	OPER & SE
5248M-003	OPER & SE
525A	SERV MAN MAN CHANG SERV NOTE 5248-14A 525A-1A
525B	SERV NOTE 5248-144 5258-1A 5258-2
525¢	OPER & SE SERV NOTE 524-14A 525C-1 525C-2
5251A	OPER & SE
5252A	OPER & SE SERV NOTE 5252A-1 5252A-2

5253A

OPER & SE

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DESCRIPTION ***

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& BELOW

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 21 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
4960A	4960A-5 4960A-6	APR81 WO SER 2032AD0476 & DELOW.REC REPL TO IMPROVE PERF FEB81 WO SER 2032A00500 & BELOW.REC REPL FOR PWR AMP (U42)
4960B		JAN79 04960-90023 FEB79 04960-90024* 8L 01 38 02 USE 49602 FICHE 04960-90029 JUL81 04960-90028 JUN82 04960-90029 8L 01 38 02 JUL81 04960-90028 JUL81 04960-90028
	4960B-1S 04960B-2	APR81 AUG79 WA SAFETY.SER 1737A00750 & BELOW.MOD TO PREVENT AC LINE V APPEARING AT FRONT PANEL CON AUG79 WO SER 1737A00733 & BELOW.MOD TO REMOVE POWER FM LINE SW RELAYS DURING POWER DOWN NOV80 HA SER 2003A01334 & BELOW.MOD TO PREVENT OP AMP (U41, U48, &U58) OSC FEB81 WO SER 2032A02090 & BELOW.REC KEPL FOR PWR AMPLIFIER (U42)
4961A	OPER & SERV MAN SERV NOTE SET BELOW 4961A-1 4961A-2 4961A-3 4961A-6	SEP77 04961-90001 JAN79 04961-90002 8L 01 38 02 APR84 MAY78 WN ALL SER.REC INSTALL OF BATTERY SUPPORT PLATE NOV80 WO SER 1701AD0419 & BELOW.REC POYER SUPPLY IC TO IMPROVE PERF MAR82 WO SER 1701AC0616 & BELOW; PREF REPL IC'S TO IMPROVE PERFORMANCE DEC83 WN SER 1706A00175 & BELOW.12-VOLT BATT MOD
4961B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 49618-1 49618-2	OCT78 04961-90027
4994A		OCT72 04904-90011 SEP73 04904-90018 01 38 02 MAY81 04904-90024 OCT81 04904-90023 8L 01 38 02
500	SERV NOTE SET BELOW 500-1/500X-1	- ILLUSTRATED PRIS IDENTIFICATION
500A		JANSA 500A-900 JUL81 5080-5685 8L 01 02 01 MAR62 500A-900 KAY78 - TEST PROCEDURE
500B	SERV NOTE SET BELOW 500B-1A 500B-2 500B-3A	APR68 00500-9003 MAR75 00500-9004 01 02 02 MAY78 SER BELOW 1034.INSTALL PROC NEON LAMF SER BELOW 1135.WOD TO IMPR RELIABILTY SER BELOW 010-02835.IMPR HF OPER NOV66 SER BELOW 015.NEON LAMP 11,14 REPL
500c	OPER & SERV MAN	APR68 00500-9003 MAR75 00500-9004 01 02 02
5000A	A. M. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. L. Lander, Phys. Lett. B 50, 100 (1990); A. Lander, Phys. B 50, 100 (1990); A. Lander, Phys. Lett. B 50, 100 (1990); A. Lander, Phys. B 50, 100 (1990);	MAR73 05000-90002 FE683 05000-90004 8L 01 02 05 JANOO 05000-90005 มะv85 05000-90006 8L 01 02 01
5001A	SERV NOTE SET BELOW 5001A-2	JAN82 SEP81 WA SER 2040A00321 & BELOW.POWER FUSE (F1) REPL

	MAN CHANGE SERV NOTE SET BELOW 500A-1	MAR62	500A-900 TEST PROC	KAY78 EDURE		OL UI	UZ	
5009	OPER & SERV MAN SERV NOTE SET B5LOW 500B-1A 500B-2 500B-3A	APR68	SER BELOW	MAY78 1034.INS 1135.HOD	00509-9004 TALL PROC NEO TO IMPR RELI 5.IMPR HF OPE	N LAMF	02	92
	500B-4	NOV66			LAMP 11,14 R			
500c	OPER & SERV MAN	APR68	00500-9003	MAR75	00500-9004	01	02	02
5000A	OPER & SERV MAN TRAINING MAN		05000-90002 05000-90005		05000-90004 05000-90006			
5001A	SERV NOTE SET BELOW 5001A-2	SEP81	WA SER 2040A	JAN82 00321 & B		ISE (F1) RI	EPL

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ESCRIPTION ***			DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
047 057	50018	OPER & SERV MAN MAN CHANGE	DEC81 05001-90004 AUG84 05001-90005 8L 01 02 02 JAN83 05001-90004
	5001 c	SERV NOTE SET BELOW 5001C-1 5001C-2 CONT'D	APR82 JUL81 WN ALL SER.OPER INSTRUCT RE THE READY LINE FM A UNIT UNDER TEST TO 5001C DEC81 WA SER 2104A0011 TO 2104A00125 & 2128A00126 TO 2128A00140.MOD TO PREVENT SHORTING CLK DRIVER SW
-50117)	5001D	SERV NOTE SET BELOW 5001D-1	OCT82 JUN82 WA SER NO LISTED IN TEXT.MOD TO CORREC INSTRUMENT
9055 0056 0058	5004A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5004A-1C 5004A-2 5004A-3 5004A-4 H01-5004A/H03-5004A K17-59994A	MAR77 05004-90001 NOV82 05004-90002 8L 01 02 02 SEP62 05004-90001 APR81 NOV80 WO SER 1736 & UP.DATA PROBE THRESHOLD VOLTAGE ADJ & COMP MAR78 WN ALL SER.5004A OPER VERIFICATION MAY78 WO SER 1808 & BELOW.REC RES MOD TO MEET NARROW NEG PULSE SPEC MAY80 WN ALL SER.USER & SERV MAN SUPP FOR DATA PROBE SETUP & HOLD TIME TESTS SEP80 WA H01/H03-5004A SER 1824A04281 & BELOW;K17-59994A SER A01181 & BELOW.MOD TO CORRECT HP-IB SIGNATURE READING
9058 9059 9060	5005A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5005A-1	SEP81 05005-90001 DEC84 05005-90002 &L 01 02 04 0CT84 05005-90001 JUL81 MAR81 WA SER PFX 1952A; SERS 00261-00285 & BELOW. MOD TO PREVENT +5V PWR SUPPLY OSC
0061 0062	5005B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 50058-18 50058-2A 50058-3	SEP83 05005-90015 OCT85 05005-90016 8L 01 02 04 MAY85 05005-90015 APR83 FEB83 WA SER LISTED IN TEXT. FUNC SELECT ERROR WHEN RETURN TO REMOTE FEB83 WA SER 2228A & BELOW.ROM CHANGE CORREC PROBE SW/LOCAL KEY DEPRESS BEING INGORED JAN83 WA SER 2248A00380 & BELOW.INCORREC REAR PANEL PWR LABEL
576.REPL OF	5006 A	OPER & SERV MAN MAN CHANGE	JUL83 05006-90006 OCT85 05006-90007 8L 01 02 03 MAY85 05006-90006
9053 0054	5035T	SERV MAN Man Change	FEB74 05035-90001 NOV85 05035-90008 8L 01 02 01 FOR SERIAL PFXES 1504A & BELOW MAR75 05035-90001
9051		SERV MAN SERV MAN MAN CHANGE	SEP75 05035-90014 NOV75 05035-90015* 8L 01 02 01 USE 5035T FICHE 05035-90017 JUL76 05035-90016 JUN85 05035-90017 8L 01 02 01 FOR SERIAL PEXES 1540A & ABOVE FEB85 05035-90016
	5036A	SERV MAN MAN CHANGE SERV NOTE SET BELOW 5036A-1A	FEB79 05036-90001 JUN85 05036-90002 8L 01 02 02 MAR85 05036-90001 JUL82 MAR82 WO SER 2116A & BELOW; NEW SUITCASE REPL P/N IS 1540-0781
OPERATION	5045A	OPER & SERV MAN USERS MAN MAN CHANGE OPER & SERV MAN	MAR76 05045-90004 SEP79 05045-90018* 8L 01 02 05 USE 5045A FICHE 05045-90039 JUN76 05045-90020 JUN85 05045-90021 8L 01 02 01 APR85 05045-90020
		MAN CHANGE SERV NOTE SET BELOW	JUL79 05045-90038 JUN85 05045-90039 8L 01 02 05 APR85 05045-90038
9054 9055		5045A-1 5045k-2	APR83 FEB77 WN ALL SER.TEXTOOL ZIP DIP SOCKET REPL AUG77 WO ALL SER.REPAIR OF & ADJMT TO PRINT HEAD ASSEMBLY

526A 526B 526C

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11/08 MOI NUM

5261*i* 5262*i*

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5268*i* 5275*i*

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	MAN CHANGE SERV MAN SERV MAN	MAR75 05035-90001 SEP75 05035-90014 NOV75 05035-90015* 8L 01 02 01 USE 5035T FICHE 03035-90017 JUL76 05035-90016 JUN85 05035-90017 8L 01 02 01 FOR SERIAL PEXES 1540A & ABOVE
	MAN CHANGE	FEB85 05035-90016
5036A	SERV MAN	FEB79 05036-90001 JUN85 05036-90002 8L 01 02 02
	MAN CHANGE SERV NOTE SET BELOW	MAR85 05036-90001 JUL82
	5036A-1A	MAR82 WO SER 2116A & BELOW; NEW SUITCASE REPL P/N IS 1540-0781
5045A	OPER & SERV MAN	MAR76 05045-90004 SEP79 05045-90018* 8L 01 02 05 USE 5045A FICHE 05045-90039
	USERS MAN Man Change	JUN76 05045-90020 JUN85 05045-90021 8L 01 02 01 APR85 05045-90020
	OPER & SERV MAN	JUL79 05045-90038
	MAN CHANGE	APR85 05045-90038
	SERV NOTE SET BELOW	어느림 수 하늘 하는 사람들이 가는 사람들이 지수를 하는 물을 하는 것이었다. 그는 사람들이 되는 사람들이 가는 사람들이 가는 사람들이 되었다. 그는 사람들이 되었다. 그는 사람들이 되었다. 그는 사람들이 되었다.
# 성도 기 등 기를	5045A-1	FEB77 WN ALL SER.TEXTOOL ZIP DIP SOCKET REPL
	5045A-2	AUG77 WO ALL SER.REPAIR OF & ADJMT TO PRINT HEAD ASSEMBLY

2051

OPERATION

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SCRIPTION ***

2054 2055

2-99054 12-99055 12-90056 12-90057 12-90058 12-90059

REF OUTPUT COMPAT

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11/08 MOD NUM

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5300B

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	/C H/C PART FICHE FICHE PART M P D P ATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION	PAGE 2'
50454	5046A-3 5045A-4A 5045A-6 5045A-6 5045A-7A 5045A-9 5045A-11 5045A-12 5045A-12 5045A-13 5045A-15 5045A-15 5045A-16 5045A-16 5045A-17A 5045A-17A 5045A-17A 5045A-17A 5045A-20 5045A-21 5045A-21 5045A-21 5045A-23A 5045A-24 5045A-25 5045A-26	SUPERSEDED BY 5045A-7A N78 WN ALL SER.INSTAL & OPER OF MONOSTABLE MULTIVIBRATOR ADAPTER V78 WO ALL SER.REC NEW RELAYS CHK TEST CARDSK" MAG CARDS C77 WN ALL SER.REV A9 4MHZ CLOCK FREQ ADJ R78 WN AUTOTEST SYS INSTAL & TEST PROC SUPERSEDED BY 5045A-20 P78 WN ALL SER.REC HANDLING PRECAUT FOR CMOS BDS. T79 WO SER 1748A00345 & BELOW.PWR SUPPLY MOD TO PREVENT OVERVLTG ADJ CONDITION T78 WO ALL SER.REVD CROSS TALK TEST TO IMPROVE CURRENT PERF TESTS. N79 WN ALL SER.REC PROPER GRND REF FOR TEST EQUIPMENT. N79 WO ALL SER.REC PROPER GRND REF FOR TEST EQUIPMENT. N79 WO SER 1748A00345 & BELOW.PAPER ADV CIRC MOD TO PREVENT Q2 DRIVE TRANS DAN B79 WO SER 1852A-00346 & BELOW.REC 4MHZ CLOCK MOD N79 WO ALL SER.REV 5045A A11 ADJ R79 WO SER 1852-00356 & BELOW.REC A11 REF LEVEL GEN MOD TO IMPR DAC SETTLING N82 WN ALL SER.HANDLER SIG CHECKOUT PROC IGMALS. G79 WA SER 1852A00368 & BELOW EXCEPT 1852A-00210,00301,00326,& 00347.MOD TO PI PROTECTION. N79 WN CABLE MOD FOR TRIGON T2000 AUTOMATIC HANDLERS. C79 WN NEW OPER VERIF TEST USING R-PACK CHECKS Y80 WN ALL SER.OPER & SERV MAN SUPP CONTAINING NEW INSTRUMENT BLOCK DIAG & DES T80 WN ALL SER.OPER & SERV MAN SUPP CONTAINING NEW INSTRUMENT BLOCK DIAG & DES T81 WN ALL SER.NEW DAT (A11) ADJ SPECS Y80 WN ALL SER.NEW DAT (A11) ADJ SPECS W70 WA SER 1916A & BELOW.OVERVOLT PROTECT MOD TO + OR - 8V POWER SUPPLIES N81 WA SER 2104A00625 & BELOW.OVERVOLT PROTECT MOD TO + OR - 8V POWER SUPPLIES N81 WA SER 2104A00625 & BELOW.MOD TO PREVENT INDICAT OF ERRON FAILURE OF GOOD L82 WO ALL SER.CHANGE A26Q2 TO IMPR REL OF PRINTER PAPER ADVANC CIR	MAGE. TIME ROVIDE STATIO
5045A-010	INSTALL NOTE Man Change	Y78 05045-90029 AUG84 05045-90035 8L 01 02 01 V81 05045-90029	
5045A-013	INSTALL NOTE MAN CHANGE	Y78 05045-90030 AUG84 05045-90036 8L 01 02 01 T83 05045-90030	
5046A	SERV MAN MAN CHANGE OPER & PROG MAN MAN CHANGE SERV NOTE SET BELOW 5046A-2	T77 05046-90004 MAR85 05046-90005 8L 01 02 02 N85 05046-90004 V77 05046-90007 MAR85 05046-90008 8L 01 02 05 N85 05046-90007 JAN83 V82 WN ALL SER.LIST OF IC TEST PROG WHICH HAVE BEEN REV	
5046B	OPER & SERV MAN MAN CHANGE SYS SERV MAN	R83 D5046-90012 AUG84 D5046-90013 8L 01 02 01 P83 D5046-90012 R83 D5046-90016 JUN83 D5046-90017 8L 01 02 D2	
505A	OPER & SERV MAN INSTRUC & OPER MAN	N54 505A-501A JAN72 505A-501B 01 02 02 N00 00505-90001 JUN83 5950-1971 8L 01 21 01	
5058	OPER & SERV MAN	N54 505A-501A JAN72 505A-501B 01 02 02	
5050A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5050A-1A 5050A-2A 5050A-3	P71 05050-9033 SEP83 05050-9026 8L 01 02 03 R76 05050-9033 OCT78 - SER BELOW 744.MOD TO PROVIDE STORAGE CAPACITY - SER 752 & UP.MOD TO PROVIDE STORAGE CAPACITY	

5046B	OPER & SERV MAN MAN CHANGE		05046-90012 05046-90012	AUG84 05046-90013	8L 01 02 01
	SYS SERV MAN		05046-90016	JUN83 05046-90017	8L 01 02 02
505A	OPER & SERV MAN INSTRUC & OPER MAN		505A-501A 00505-90001	JAN72 505A-501B JUN83 5950-1971	01 02 02 8L 01 21 01
505B	OPER & SERV MAN	JUN54	505A-501A	JAN72 505A-501B	01 02 02
5050A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	MAR76	05050-9033 05050-9033	SEP83 05050-9026	8L 01 02 03
	5050A-1A 5050A-2A 5050A-3		SER 752 & U	OCT78 '44.MOD TO PROVIDE ST IP.MOD TO PROVIDE STO IN OF MOTOR CONTROL	ORAGE CAPACITY

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50508	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5050B-1	SEP71 05050-9033 SEP83 05050-9026 8L 01 02 03 MAR76 05050-9033 OCT78 - WN INSTAL OF DIG CLOCK & MOTOR CONTROL
5055A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 50554-1 50554-2	SEP73 05055-90010 APR80 05055-90012 8L 01 02 02 FEB80 05055-90010 MAY78 APR72 WO MOD TO UP IMMUNITY TO ELECT NOISE APR76 WO SER 1612.MOD TO IMPR IMMUNITY TO VOLTAGE PEAKS
506	SERV NOTE SET BELOW 506A-1 506A-2	MAY78 - IMPR LAMP SOCKET - ILLUSTR PARTS IDENTIFICATION
506A	OPER & SERV MAN	JAN67 00506-9004 APR71 00506-9005 01 02 01
5060A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	OCT65 D5060-9013 APR71 05060-9025 01 02 05 SEP68 05060-9013 OCT80
	5060A-1 CONT'D 5060A-2 5060A-3 5060A-4	JUL66 SER BELOW -00140.REPL OF A191/17 OR A1T5 IN SYNTHESIZER ASSY (05060-60206) WITH SER BELOW 532 AUG66 SER BELOW -00200.PREF REPL TRANS FOR A1692 NOV67 SER BELOW 708MOD REQ WHEN REPL A891,92,93,97 NOV69 WO REC CS BEAM TUBE REPL PROC
5060A-004	ADDENDUM MAN	JANOO 05060-9030 FEB79 05060-9031 8L 01 02 01
5060A-01	OPER & SERV MAN Man Change	0CT65 05060-9013 APR71 05060-9025 01 02 05 SEP68 05060-9013
5060A-02	OPER & SERV MAN MAN CHANGE	OCT65 05060-9013 APR71 05060-9025 01 02 05 SEP68 05060-9013
5061A	OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW	JUL74 05061-9034 NOV78 05061-9035 8L 01 02 05 FOR SER PFX BELOW 1428A AUG78 05061-9034 JUN78 05061-9052 MAR85 05061-9053 * 8L 01 02 05 USE 5061A FICHE 05061-9069 APR85 05061-9068 JUL85 05061-9069 8L 01 02 05 APR85
	5061A-1 5061A-2 5061A-3 5061A-4 5061A-5 CONT'D	- NO SER BELOW 728-00250.MOD TO IMPR OPER OF DECADE DIVIDER IC4 NOV70 HO SER BELOW 924.PREF REPL PRTS INC REL SEP75 WN CS OVEN CNTR CIR MOD OCT75 WO 5060A ALL SER.5061A SER BELOW 1120A00489.INCR REL & TUNABILITY OF HARMONIC GEN ASSY AUG74 ALL SER.SUM OF IMPORTANT CIR MOD, REC PROC & REPL PRTS.SOME CHNGES ALSO APPLICABLE TO MODEL 5060A
	5061A-6 5061A-7 5061A-10 5061A-11B 5061A-12	SEP75 WO ALL SER.INSTAL OF HOT WIRE IONIZER CURRENT LIMIT RESISTORS OCT75 REC ENGINEERING IMPR.SUPER 5061A-5 JUL80 WO ALT REPL FOR A10 OSC ASSY NOV82 WO ALL SER.REPL KIT FOR A10 OSCILLATOR ASSY P/N 05061-6170 MAY82 WO SER 2120A01869 & BELOW.REPL FOR A15 PWR REGLTR ASSY P/N 05061-6099 & -6017
	5061A-13 5061A-14 5061A-15/5062C-6 5061A-16 5061A-17	FEB83 WO SER 944A00371 & ABOVE.REPL KIT FOR CESIUM OVEN CONTR P/N 05061-6173 JUL83 WA SER 2132A01870 TO 2216A02078.EHNANC REL OF A15PWR REGLTR ASSY MAR84 WN ALL SER.DISPOSAL PROC FOR H-P CESIUM BEAM TUBES MAY84 WN ALL SER.CORREC TO SIGNAL-TO-NOISE CHECK PROC FOR A12 CESIUM BEAM TUBE ASSY SEP84 WA SER 2136A01919 TO 2232A02079.DEFECTIVE SYNTHESIZER CRYSTAL REPL

5305B

5305A

5306A

11/08/8 MODEL NUMBE 5306A

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DACE

WR REF OUTPUT

R REF OUTPUT		5061A-2 5061A-3 5061A-4 5061A-5 CONT'D 5061A-6 5061A-7 5061A-10 5061A-11B 5061A-12 5061A-13 5061A-14 5061A-14 5061A-15/5062C-6 5061A-16 5061A-17	NOV70 HO SER BELOW 924-PREF REPL PRTS INC REL SEP75 WN CS OVEN CNTR CIR MOD OCT75 WO 5060A ALL SER.5061A SER BELOW 1120A00489.INCR REL & TUNABILITY OF HARMONIC GEN ASSY AUG74 ALL SER.SUM OF IMPORTANT CIR MOD, REC PROC & REPL PRTS.SOME CHNGES ALSO APPLICABLE TO MODEL 5060A SEP75 WO ALL SER.INSTAL OF HOT WIRE IONIZER CURRENT LIMIT RESISTORS OCT75 REC ENGINEERING IMPR.SUPER 5061A-5 JUL80 WO ALT REPL FOR A10 OSC ASSY NOV82 WO ALL SER.REPL KIT FOR A10 OSCILLATOR ASSY P/N 05061-6170 MAY82 WO SER 2120A01869 & BELOW.REPL FOR A15 PWR REGLTR ASSY P/N 05061-6099 & -6017 FEB83 WO SER 944A00371 & ABOVE.REPL KIT FOR CESIUM OVEN CONTR P/N 05061-6173 JUL83 WA SER 2132A01870 TO 2216A02078.EHNANC REL OF A15PWR REGLTR ASSY MAR84 WN ALL SER.DISPOSAL PROC FOR H-P CESIUM BEAM TUBES MAY84 WN ALL SER.CORREC TO SIGNAL-TO-NOISE CHECK PROC FOR A12 CESIUM BEAM TUBE ASSY SEP84 WA SER 2136A01919 TO 2232A02079.DEFECTIVE SYNTHESIZER CRYSTAL REPL	
PAGE 200	11/08/85			
RIPTION ***	MODEL Number	O LITERATURE C TYPE	PAGE 215 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
	5061A	5061A-18	OCT84 WO ALL SER.REC REPL OF A1DA1 OSCIL	
51	5062¢	OPER MAN SERV MAN OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW 5062C-1 5062C-2A 5062C-3 5062C-5 5061A-15/5062C-6	AUG74 05062-90001 DEC75 05032-90013* 8L 01 02 01 USE 5062C FICHE 05262-90023 JUN77 05062-90020 NOV78 05062-90021* 8L 01 02 05 USE 5062C FICHE 05062-90030 JUN77 05062-90022 OCT77 05062-90023 8L 01 02 01 OCT78 05062-90029 NOV82 05062-90030 8L 01 02 05 SEP82 05062-90029 JUL84 JUL76 WA SER BELOW 1612A.MOD TO BATT CHARGER TO IMPR PERFORMANCE JUN79 WA SER 1640 & BELOW.PROC TO INSTALL REL IMPROVEMENT KIT. FEB78 ASSYS WHICH REQUIRE ADJ WHEN REPL DEC80 WO SER 2016A & SELOW.MCD TO INCR CESIUM BEAM TUBE LIFE BY OP AT LOWER OUTPUT CURRENT MAR84 WN ALL SER.DISPOSAL PROC FOR H-P CESIUM BEAM TUBES	
51	5062C-H32		OCT78 D5062-90031 FEB79 D5062-90032 8L 01 02 01 NOV78 D5062-90031 OCT78 D5062-90029 NOV82 D5062-90030 8L 01 02 05 SEP82 D5062-90029	
	5062C-001	SERV MAN SERV MAN MAN CHANGE	JUN77 05062-90020 NOV78 05062-90021* 8L 01 02 05 USE 5062C-001 FICHE 05062-90030 OCT78 05062-90029 NOV82 05062-90030 8L 01 02 05 SEP82 05062-90029	
	5062C-002	SERV MAN SERV MAN MAN CHANGE	JUN77 05062-90020 NOV78 05062-90021* 8L 01 02 05 USE 5062C-002 FICHE 05062-90030 NOV82 05062-90030 8L 01 02 05 SEP82 05062-90029	
	5062c-003	SERV MAN	JUN77 05062-90020 NOV78 05062-90021* 8L 01 02 05 USE 5062C-003 FICHE 05062-90030	

5061A	5061A-18	OCT84	WO ALL SER-REC R	EPL 0	F A1DA1 OSCIL								
5062C	OPER MAN SERV MAN OPER MAN SERV MAN MAN CHANGE	JUN77 JUN77 OCT78	05062-90020 05062-90022	NOV78 OCT77	05032-90013* 05062-90021* 05062-90023 05062-90030	8L 8L	01	02	05 01	USE USE	5062C FICH	IE 0520 IE 0500	62-90023 62-90030
	SERV NOTE SET BELOW 5062C-1 5062C-2A 5062C-3 5062C-5 5061A-15/5062C-6	JUN79 FEB78 DEC80	WA SER BELOW 161 WA SER 1640 & BE ASSYS WHICH R	LOW.P EQUIR ELOW.	D TO BATT CHAI ROC TO INSTALI E ADJ WHEN REI MCD TO INCR CI	L RE PL Esil	IL I	MPR	ROVE 4 TL	MEN JBE	T KIT. LIFE BY OP	AT LO	WER OUTPUT CURRENT
5062C-H32	OPER MAN MAN CHANGE		05062-90031 05062-90031	FEB79	05062-90032	8L	01	02	01				
	SERV MAN MAN CHANGE	0CT78		NOV82	05062-90030	8L	01	02	05				
5062C - 001	SERV MAN SERV MAN MAN CHANGE	OCT78	05062-90020 05062-90029 05062-90029	N0V78 N0V82	05062-90021* 05062-90030	8L 8L	01 01	02 02	05 05	USE	5062C-001	FICHE	05062-90030
5062C-002	SERV MAN SERV MAN MAN CHANGE	0CT78	05062-90020 05062-90029 05062-90029	NOV78 NOV82	05062-90021* 05062-90030	8L 8L	01 01	02 02	05 05	USE	5062c - 002	FICHE	05062-90030
5062C-003	SERV MAN SERV MAN MAN CHANGE	0CT78	05062-90020 05062-90029 05062-90029	NOV78 NOV82	05062-90021* 05062-90030	8L 8L	01 01	02 02	05 05	USE	5062C-003	FICHE	05062-90030
5062C - 010	OPER MAN SERV MAN OPER MAN MAN CHANGE	JUN77 OCT78		NOV78	05062-90012* 05062-90021* 05062-90032	8L	01	02	05	USE	5062C-010 5062C-010	FICHE FICHE	05062-90032 05062-90030
	SERV MAN Man Change	OCT78		NOV82	05062-90030	8L	01	02	05				
5065	SERV NOTE SET BELOW 5065A-1 5065A-4A		WA SER 956-00256 WO ALL SER.REPL		LINE SAFTY MOI		SY P)/N	050) 65 –(6097		
5065A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	NOV79	05065-9035 05065-9041 05065-9041	JUN79 JUN85	05065-9037 * 05065-9042		01 01			USE	5065A FICH	IE 050	65 - 9042
508	SERV NOTE SET BELOW 508A/B/C/D-1		ILLUSTR PARTS	MAY78 IDEN									
508A	OPER & SERV MAN	JUN66	00508-9001	MAY71	00508-9006		01	02	01				
5088	OPER & SERV MAN	JUN66	00508-9001	MAY71	00508-9006		01	02	01				
508C	OPER & SERV MAN	JUNAK	00508-9001	MAY71	00508-9006		01	na.	Ω4				

5315B 5315B-00 5316A

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5325A-00

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5065A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	DEC71 05065-9035 NOV79 05065-9041 MAY85 05065-9041	JUN79 05065-9037 JUN85 05065-9042	* 8L 01 02 04 USE 8L 01 02 05	5065A FICHE 05065-9042	
508	SERV NOTE SET BELOW 508A/B/C/D-1		MAY78 PARTS IDENTIFICATION			
508A	OPER & SERV MAN	JUN66 00508-9001	MAY71 00508-9006	01 02 01		
508B	OPER & SERV MAN	JUN66 00508-9001	MAY71 00508-9006	01 02 01		
508C	OPER & SERV MAN	JUN66 00508-9001	MAY71 00508-9006	01 02 01		

11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE		FICHE DATE N ***	NUMBER	L	T	D P V G IPTION *	PAGE 216 *** DESCRIPTION *** DESCRIPTION ***
08D	OPER & SERV MAN	JUN66	00508-9001	HAY71	00508-9006		01 0	2 01	
5083	SERV NOTE SET BELOW 5083-1 5083-2 5083-4 5083-5 5083-1 5083-10 5083-11 5083-12 5083-14		REFER TO GEN REFER TO GEN REFER TO GEN REFER TO GEN REFER TO GEN REFER TO GEN REFER TO GEN	HEADI HEADI HEADI HEADI HEADI HEADI HEADI HEADI	EADING FOR DESCRPING FOR DESCRPING, FOR DESCRPING, FOR DESCRPING FOR DES	TN TN. TN TN TN TN. TN. TN.			
085A	OPER & SERV MAN MAN CHANGE		05085-9009 05085-9009	NOV82	05085-9010	8L (01 0	2 02	
087A	OPER & SERV MAN MAN CHANGE	and the second second	05087-90008 05087-90008	JUN85	05087-90009	8L (01 0	2 02	
088-7049	OPER & SERV MAN	MAY81	5088-9002	AUG84	5088-9003	8L (01 0	2 01	
D89A	OPER & SERV MAN Man Change		05089-90001 05089-90001	MAY84	05089-90002	8L (01 0	2 02	
0908	OPER & SERV MAN MAN CHANGE	FEB70	05090-904 05090-904		05090-905	8L (01 1	4 02	
	SERV NOTE SET BELOW 5090B-1		WO SER BELOW US	MAY78 58MO		TEM	P PE	RFORMANO	
1	OPER & SERV MAN	JANOD	00051-91369	AUG81	00051-91419	8L	01 1	1 01	
10	SERV NOTE SET BELOW 510A-1	SEP64	FIELD ADJUST	MAY78 MENTS					
10A	OPER & SERV MAN OPER & SERV MAN		510A-501A 0051G-93001		510A-502 5951-6498		_ ,	2 01 1 01	
100A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	NOV71	05100-9037 05100-9037	JAN72 MAY78	05100-9044		01 0	2 05	
	5100A-1 5100A-2 5100A-3	FEB65 MAR66 APR66	SER BELOW 54	2-0038 0.MUD	1.REPL OF F2 OF PWR SUPPLY				
100B	OPER & SERV MAN MAN CHANGE		05100-9037 05100-9037	JAN72	05100-9044		01 0	2 05	
102A	OPER & SERV MAN SERV NOTE SET BELOW 5102A-1	FEB66 MAR66	05102-9028 SER BELOW 54	KAY78	05102-9032 0.MOD OF PWR		Sec. 1	2 05	
103A	OPER & SERV MAN MAN CHANGE	MAR66	05103-9008 05103-9008		05103-9009			2 05	

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11/08/85 MODEL NUMBER

5323A

5325A

5325A-001

11/08/85 MODEL NUMBER

5325A-001

5325A/B

5325B

5325B-001

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5326A

5326B

5326C

5327A

5327B

5100A-3 APR66 SER BELOW 552. FUSE REPL 5100B OPER & SERV MAN MAY68 05100-9037 JAN72 05100-9044 **102 05** MAN CHANGE NOV71 05100-9037 5102A FEB66 05102-9028 OPER & SERV MAN SEP71 05102-9032 01 02 05 SERV NOTE SET BELOW KAY78 5102A-1 MAR66 SER BELOW 540-00120 MOD OF PWR SUPLY 5103A OPER & SERV MAN MAR66 05103-9008 SEP71 05103-9009 01 02 05 MAN CHANGE JUN71 05103-9008

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11/08/85 PAGE 217 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M C NUMBER NUMBER TYPE DATE DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5105A OPER & SERV MAN SEP70 05105-9032 OCT77 05105-9034 8L 01 02 03 MAN CHANGE JUL73 05105-9032 5110A OPER & SERV MAN DEC70 05110-9032 JUN75 05110-9037 01 02 04 MAN CHANGE JAN74 05110-9032 SERV NOTE SET BELOW MAY78 5110A/B-1A WN INSTAL OF OPT 02,03,& 04 5110A-1 SER BELOW 524-00560. MOD OF PWR SUPPLY MAR66 5110A-2 SER BELOW 552 FUSE REPL APR66 5110B OPER & SERV MAN DEC70 05110-9032 JUN75 05110-9037 01 02 04 MAN CHANGE JAN74 05110-9032 515A OPER NOTE JAN68 00515-90005 JUL84 5950-1883 8L 01 02 01 5150A OPER & SERV MAN JUN76 05150-90003 DEC84 05150-90004 8L 01 02 34 MAN CHANGE OCT84 05150-90003 SUBSYS MAN NOV76 09571-93013 FEB77 09571-93014 8L 01 09 01 SERV NOTE SET BELOW **OCT83** MAR77 WN OPT OOZ BCD INTERFACE ALL SER. MOD TO IMPR IMMUNITY TO SPURIOUS PRNT SIGNALS 5150A-1 5150A-2 FEB77 WN ALL SER.REPR & ADJ TO PRINT HEAD ASSY 5150A-3-8 FEB78 WA SAFETY.SER BELOW 1724A02350.CORR ACTION FOR A POT SAFTY HAZARD 5150A-4 AUS78 WN REC HP-IB VERIF PROG FOR OPT 001 MAR83 WO SER 2144A. CHANGE TRAN A192 TO IMPR REL OF PRINTER PAPER ADV CIRCUIT 5150A-5 5150A-6 JUL83 WA ALL SER. IMPR OF CIR TRIG MIDNIGHT PRINT-OUT 5180A OPER & PROG MAN NOV83 05180-90002 8L 01 02 03 JAN82 05180-90001 MAN CHANGE JUL83 05180-90001 SERV MAN JUL82 05180-90014 JUN85 05180-90029 8L 01 02 07 VOL I & VOL II MAN CHANGE APR85 05180-90014 SERV NOTE SET BELOW **OCT85** 5180A-1 AUG82 WN ALL SER. IMPR ADJ PROC FOR XYZ DISPLAY CIR JAN83 WA SER 2210A00220 & BELOW. MOD TO Z OUT+ 15V REGLT & TRIG OUT CIT ON A25 REAR PANEL ASSY 5180A-2A JAN83 WA SER 2044A00200 & BELOW MOD TO PREV POSS OSCIL +15V REGLT CIR ON A25 REAR PANEL ASSY 5180A-3A JAN83 WA SER 2224A00310 & BELOW. MOD TO PREV POSS NOISE PROB ON A25 REAR PANEL ASSY 5180A-4A 5180A-5 JUL82 WA SER 2210A00211 & BELOW.MOD AS & A9 HIGH SPEED MEMORY ASSEMBLIES 5180A-6B JUN83 WO SER 2220A00300 & BELOW. INPUT AMPLER STATIC PROT & FREQ BW MOD JAN83 WA SER 2222A00310 & BELOW.AC LINE PROT (MAINS) FUSE CHANGE 5180A-7A JUL83 WA SER 2224A00350 & BELOW.ADD OF WIRED TO -5.2V MOTHERBD SUPPLY LINES 5180A-8A 5180A-9 NOV82 WN ALL SER.ROM/EPROM REPL STRATEGY 5180A-10B SEP84 WO SER LISTED IN NOTE.FIRMWARE (ROM) REV 1.4 PROC DEC82 WA SER 2210A00220 & BELOW. MOD TO CORREC POSS SHORTING OF -5.2V SUPPLY TO CHASSIS 5180A-11 5180A-12B NOV83 WN SER 2204A00191 & BELOW. CHANGE TO BOTTOM COVER & INFO PULLOUT CARDS 5180A-13 JAN83 WO SER LISTED IN NOTE MOD TO CORREC PWR-UP RESET & DMA PROB APR83 WA SER NUMBER LIST IN SERV NOTE MOD TO ELIM GEN OF DATA SPIKES 5180A-14 **フリロレムーリン** MAY85 NO SER 2517AUU541 & BELOW.A10 & ALL REPL PROC 5180A-17 JUL83 WO ALL SER. MOD TO PREV MULTIPLE CURSOR/DISPLAY GLITCHES 5180A-18 JUL83 WN ALL SER.05180-60100/60500 HYBRID SHIELD EXCH POLICY 5180A-19 SEP84 WA SER 2404A00800 & BELOW MOD TO IMPR ADC REL JUNS5 WA SER 2448A01010 & BELOW. MOD TO IMPROV HISTOGRAM TEST RESULTS 5180A-20A FEB85 WA SER 2436A00990 & BELOW(EXCEPTIONS SEE NOTE) MOD TO ELIM MISTRIGGER 5180A-21 51800A OPER & PROG MAN NOV83 51800-90001 AUG84 51800-90002 8L 01 02 02 5181A OPER & SERV MAN MAR82 05181-90001 MAY84 05181-90002 8L 01 02 02

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	5180A-14 5180A-15 5180A-17 5180A-18 5180A-19 5180A-20A 5180A-21	APR83 WA SER NUMBER LIST IN SERV NOTE.MOD TO ELIM GEN OF DATA SPIKES MAY83 WO SER 2311A00541 & BELOW.A10 & ALL REPL PROC JUL83 WO ALL SER.MOD TO PREV MULTIPLE CURSOR/DISPLAY GLITCHES JUL83 WN ALL SER.05180-60100/60500 HYBRID SHIELD EXCH POLICY SEP84 WA SER 2404A00800 & BELOW.MOD TO IMPR ADC REL JUN85 WA SER 2448A01010 & BELOW.MOD TO IMPROV HISTOGRAM TEST RESULTS FEB85 WA SER 2436A00990 & BELOW.EXCEPTIONS SEE NOTE).MOD TO ELIM MISTRIGGER
51800A	OPER & PROG MAN	NOV83 51800-90001 AUG84 51800-90002 8L 01 02 02
5181A	OPER & SERV MAN	MAR82 05181-90001 MAY84 05181-90002 8L 01 02 02

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181A	MAN CHANGE	APR84	05181-90001	MAY84	05181-90002	8L	01	02	02
182A	OPER & PROG MAN MAN CHANGE		05182-90006 05182-90006	0CT85	05182-90007	8L	01	02	04
	SERV MAN MAN CHANGE SERV NOTE SET BELOW	FEB85	05182-90008 05182-90008		05182-90009	8L	01	02	08
	5182A-1 5182A-2	MAR85 FEB85	WA SER 2448A00 WN SER 2442A00	0CT85 315 & B 330 & B	ELOW.MOD TO F	FIX D	MA V H	PKO IST	OB WITH "AUTO STOP" & CHOP MODE DATA RECORDS
1820A	USER'S MAN	NOV83	51820-90001	AUG84	51820-90002	8L	01	02	03
20	SERV NOTE SET BELOW 520A-1	SEP64	FIELD ADJUS	MAY78 TMENTS					
20A	INSTRUC & OPER MAN		520A-900 520A-900	MAR72	00520-90002		01	02	01
	OPER & SERV MAN		00520-90001	APR72	00520-93001		01	21	01
201L	OPER & SERV MAN MAN CHANGE		05201-9006 05201-9006	OCT72	05201-9011		01	02	
201L-01	OPER & SERV MAN MAN CHANGE		05201-9006 05201-9006	0CT72	05201-9011		01	02	
201L - 02	OPER & SERV MAN MAN CHANGE		05201-9006 05201-9006	OCT72	05201-9011		01	02	04
201L-03	OPER & SERV MAN MAN CHANGE		05201-9006 05201-9006	OCT72	05201-9011		01	02	04
201L-04	OPER & SERV MAN MAN CHANGE	the second second	05201-9006 05201-9006	0CT72	05201-9011		01	02	
202L	OPER & SERV MAN MAN CHANGE	the state of the s	05202-9003 05202-9003	MAY71	05202-9004		U1	02	D4
202L-01	OPER & SERV MAN MAN CHANGE		05202-9003 05202-9003	MAY71	05202-9004		01	02	
202L-02	OPER & SERV MAN MAN CHANGE		05202-9003 05202-9003	MAY71	05202-9004		01	02	
202L-03	OPER & SERV MAN Man Change		05202-9003 05202-9003	MAY71	05202-9004		01	02	
202L-04	OPER & SERV MAN Man Change		05202-9003 05202-9003	MAY71	05202-9004		01	02	04
203L	OPER & SERV MAN MAN CHANGE		05203-9003 05203-9003	FE881	05203-9004	8L	01	02	02
203L-02	OPER & SERV MAN MAN CHANGE		05203-9003 05203-9003	FEB81	05203-9004	8L	01	02	02

11/08/85 MODEL NUMBER 5328A 5328A-C96 5328A-H42 5328A-H99 5328A-010 5328A-011 5328A-020 5328A-021 5328A-030 5328A-031 5328A-040 53284-041

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11/08/85 MODEL NUMBER

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5328A-098

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5203L - 03	OPER & SERV MAN MAN CHANGE		05203-9003 05203-9003	FEB81	05203-9004	8L	01	02	2.02	
521 SERIES	OPER & SERV MAN	JAN67	00521-9002	FEB76	00521-9003	8L	01	02		
521A/C/D/E	SERV NOTE SET BELOW 521A-1A 521A-2A 521A-3 521A-4 521A-5A 521C-1A 521C-2B 521C-3 521D-1A 521D-2A	AUG67 MAR67	SER BELOW SER BELOW SER BELOW 521A SER U CRYSTAL UN 521C SER 3 521C SER B DIG RECORD	1581.REPI 010-0388; 2832.RESI IP 010-03; IIT RAPLA 6631 + DOI BELOW 032- DER(TEN-L	ET THYRATRO 781;521 SER CEMENT JN.PHANTAST	W KIT NTAST N CIR U10- RON M SER R KIT	RON CUI 036: OD BEL	T RI 31.I	TABILITY IMPROVEMENT REPLACEMENT DIG RECORDER(BCD + 1224) ADAPT KIT INSTALL 03200400.MOD TO IMPR MEAS RELIB AT LO LINE	
5210A	OPER & SERV MAN	NOV73	05210-9022	NOV73	05210-9023		01	02	2 02	
5210B	OPER & SERV MAN	NOV73	05210-9022	N0V73	05210-9023		01	02	2 02	
52102A	OPER & SERV MAN	SEP81	52102-90902	FEB82	52102-9080	2 8L	01	08	B 02	
52103A	OPER & SERV MAN	JUL80	52103-90902	SEP80	52103-9080	2 8L	01	08	3. 02	
52105A	OPER & SERV MAN	NOV81	52105-90902	FEB82	52105-9080	2 8L	01	08	3 02	
5211A	OPER & SERV MAN	JUN67	05211-9002		05211-9003				2 03	
5211B	OPER & SERV MAN	JUN67	05211-9002	AUG70	05211-9003			ini.	2 03	
52110A	OPER NOTE	FEB80	52110-90901	APR80	52110-9080	l 8L				
5212A	OPER & SERV MAN MAN CHANGE		05212-9009 05212-9009		05212-9001)	01	02		
	SERV NOTE SET BELOW 5212A/5512A-1 5212A/5512A-2	JUL66 AUG66	SER BELOW SER BELOW	JAN79 306-REPL 608-REPL	DIODE FOR TRANS FOR	11 CR1 1801	IN IN	AMI OSC	MPLFR ASSEMBLY Cillator Assembly	
5212A-02	OPER & SERV MAN MAN CHANGE		05212-9009 05212-9009	JAN71	05212-9001) 	01	02	2 03	
5212A-03	OPER & SERV MAN Man Change		05212-9009 05212-9009	JAN71	05212-9001		01	02		
52121A	OPER NOTE	DEC81	52121-90901	JAN82	52121-9080	l 3L	01	08		
52122A	OPER NOTE	APR82	52122-90901	JUN82	52122-9080	8L	01	80	3 01	
52126A	OPER NOTE OPER NOTE		52126-90901 52126-90902	MAY79 JUL79	52126-9080 52126-9080	* 8L 2 8L	01 01	08 D2	3 01 USE 52126A FICHE 52126-90802 2 01	
5214L	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW		05214-9007 05214-9007	AUG71 MAY78	05214-9008		01	02	2 03	

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SER BELOW 612.REPL TRANS FOR A4Q1 IN OSCILLATOR ASSEMBLY

11/08/85 Model Number

52122A APR82 52122-90901 OPER NOTE JUN82 52122-90801 8L 01 08 01 52126A OPER NOTE FEB79 52126-90901 MAY79 52126-90801* 8L 01 08 01 USE 52126A FICHE 52126-90802 JUL79 52126-90802 8L 01 D2 01 JUN79 52126-90902 OPER NOTE JAN70 05214-9007 AUG71 05214-9008 5214L OPER & SERV MAN 01 02 03 APR71 05214-9007 MAN CHANGE SERV NOTE SET BELOW MAY78

5334R 5335A

11/08/85 PAGE 220 MODEL 0 LITERATURE H/C PART FICHE FICHE PART M P NUMBER C DATE LTVG NUMBER TYPE DATE NUMBER *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5214L 5214L-1 SER BELOW 612. REPL TRANS FOR A4Q1 IN OSCILLATOR ASSEMBLY AUG66 5214L-02 OPER & SERV MAN JAN70 05214-9007 AUG71 05214-9008 01 02 03 MAN CHANGE APR71 05214-9007 5214L-03 OPER & SERV MAN JAN70 05214-9007 AUG71 05214-9008 01 02 03 APR71 05214-9007 MAN CHANGE 5216A OPER & SERV MAN AUG71 05216-9006 OCT84 05216-9008 8L 01 02 04 OCT73 05216-9006 MAN CHANGE SERV NOTE SET BELOW MAY78 MAY71 NO SER 948A03126 TO 1040A03875.MOD TO INCREASE GATE LAMP LIFE 5216A-1 5216A-2 JUN73 WO SER BELOW 976. SOLU FOR A4 DECD DIVIDER RESET PROBLEM INSTRUCT & OPER MAN MARSS 522A-501A **522A** JUL81 5080-5689 8L 01 02 02 522B OPER & SERV MAN JAN00 522B-900 SEP71 522B-903 01 02 03 MAN CHANGE MAR62 522B-900 MAR62 522B-900 MAN CHANGE B FEB60 522B-900 AC-4A/B MAN AC-4A/B MAN CHANGE MAY62 5228-900 SERV NOTE SET BELOW MAY78 522B-1 NOT AVAILABLE 522B-2 NOT AVAILABLE 5228-3A INPUT LEVEL CONTROL INSTALLATION SER 922 + DOWN.REPL DESCRIMINATOR 522B-4 522B-5A DIG RECORDER (STAIRCASE) ADAPT KIT 522B-6C JUN67 SER 2482 + DOWN. REPLACEMENT FAN KIT 522B-7 CABINET TO RACK MOUNT CONV KIT 522B-8B SER 019-03982 + UP.DIG RECORD(BCD + 1224) ADAPT KIT 5221A JUL71 05221-9015 DEC75 05221-9016 8L 01 02 02 OPER & SERV MAN SERV NOTE SET BELOW MAY78 5221A/5321A-1 WN MOD TO RED AMPLER BANDWIDTH 5221A/5321A-2A OCT72 WO SER BELOW 1048A02871 EXCEPT THOSE WITH OPT 03,103, & 203.MOD TO IMPR STAB OF TIME CONT'D BASE IN PRESENCE OF PWR LINE NOISE 5221A/5321A-3A OCT72 WN ALL SER.1MHZ CRYSTAL TIME BASE (OPT 003).INSTAL PROC FOR 5221A & 5321A 5221B APR71 05221-9014 OCT84 05221-9017 8L 01 02 02 OPER & SERV MAN JUL73 05221-9014 MAN CHANGE SERV NOTE SET BELOW MAY78 5221B/5321B-1 - WN MOD TO INSURE ACCUR FREQ MEAS BELOW 100 KHZ 52218/53218-2 MAR71 WN SER BELOW 0980A.MOD FOR COMPATIBILITY WITH 5055A DIGITAL RECORDER 5223L FEB72 05223-9006 FEB67 05223-9005 OPER & SERV MAN 01 02 03 SERV NOTE SET BELOW MAY78 5223L-1 AUG66 SER BELOW 539. REPL TRANS FOR A7Q1 IN OSCIL ASSEMBLY 5223L-02 FEB72 05223-9006 01 02 03 OPER & SERV MAN FE867 05223-9005 FEB67 05223-9005 5223L-03 OPER & SERV MAN FEB72 05223-9006 01 02 03 523B SERV NOTE SET BELOW MAY78 523B-1 NOT AVAILABLE SER 394 + UP. ADAPT KIT INSTALLATION **OCT62** 523B-2B

11/08/85 MODEL NUMBER

5335A

5335A-040 5340A

5340A-006 5341A

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11/08/85 PAGE 221 FICHE PART M P D P MODEL 0 LITERATURE H/C H/C PART FICHE NUMBER L T V G NUMBER TYPE NUMBER DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** SER BELCH 393. MANUAL GATE PRINT MOD 523B 523B-3B 523B-4A 523B-5 APR70 WN SER BELOW 293. FAN MODIFICATION ALL SER 1 THRU 243; SOME SER 244 THRU 293. WIRING CHANGE

11/08/85 Model Number 5342A

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5223L-02
               OPER & SERV MAN
                                   FE867 05223-9005
                                                         FEB72 05223-9006
                                                                                01 02 03
5223L-03
               OPER & SERV MAN
                                   FEB67 05223-9005
                                                         FEB72 05223-9006
                                                                                01 02 03
523B
               SERV NOTE SET BELOW
                                                         MAY78
               523B-1
                                            NOT AVAILABLE
               523B-2B
                                   OCT62
                                            SER 394 + UP. ADAPY KIT INSTALLATION
11/08/85
                                                                                                                        PAGE 221
                                                                                                                                            11/08/85
  MODEL
            0
                   LITERATURE
                                   H/C
                                             H/C PART
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                                         *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
523B
               523B-3B
                                            SER BELCH 393. MANUAL GATE PRINT MOD
                                                                                                                                            5342A
               523B-4A
                                  APR70 WN SER BELOW 293. FAN MODIFICATION
               523B-5
                                           ALL SER 1 THRU 243; SOME SER 244 THRU 293. WIRING CHANGE
              523B-6B
                                           SER BELOW 893. BEAM SWICH TUBE BIAS SETTING PROCEDURE
               523B-7
                                           DIG RECORDER ADAPT CIR MODIFICATION
               523B-8A
                                           SER ABOVE 744.ALT USE OF TUBES 6216 + 6761 FOR SERIES REGULATOR V204
               523B-9C
                                            SER BELOW 893.AC-4D DECD COUNTER REPL
              523B-10B
                                   JUN67
                                            100 KHZ OSCIL CIR FREQ ADJUSTMENT
                                           SER BELOW 1594. REPL NEON LAMP 1404 WITH SILICON DIODE
              523B-12A
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E 206

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207

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523C
               OPER & SERV MAN
                                   DEC65 00523-9001
                                                          AUG71 00523-90004
                                                                                 01 02 04
               MAN CHANGE
                                   FEB68 00523-9001
               AC-4 0 & S MAN
                                   MAY63 5951-0100
               AC-4 MAN CHANGE 1
                                   JAN64 5951-0100
               AC-4 MAN CHANGE 2
                                   JAN65 5951-0100
523CR
               SERV NOTE SET BELOW
                                                          MAY78
               523CR-1A
                                             DIG RECORDER (TEN LINE) ADAPTER KIT
                                   NOV69
               523CR-2
                                             NOT AVAILABLE
               523CR-3
                                             DIG RECORDER (+1224) ADAPTER KIT
523D
               OPER & SERV MAN
                                   DEC65 00523-9001
                                                          AUG71 00523-90004
                                                                                 01 02 04
               MAN CHANGE
                                   FEB68 00523-9001
               AC-4 0 & S MAN
                                   MAY63 5951-0100
                                   JAN64 5951-01 33
               AC-4 MAN CHANGE 1
               AC-4 MAN CHANGE 2
                                   JAN65 5951-0100
523DR
               SERV NOTE SET BELOW
                                                          MAY78
               523DR-1A
                                             SER 319,000,004,010,023,043.ADAPT KIT INSTALL
               523DR-2A
                                             SER BELOW 010-00425. CONNECTIONS FOR STANDBY OPERATION OF XTAL OVEN
                                   JUN67
               523DR-3A
                                             SER BELOW 826. TRIGGER UNIT MOD
5232A
               OPER & SERV MAN
                                   MAR67 05232-9006
                                                          SEP71 05232-9007
                                                                                 01 02 05
               MAN CHANGE
                                   MAY71 05232-9006
               SERV NOTE SET BELOW
                                                          MAY78
               5232A/5532A-1A
                                    JUN66
                                             ALL SER. REPL TRANS FOR A1091 TO A1098 IN DECADE DIVIDER
               5232A/5532A-2
                                   SEP66
                                             SER BELOW 604.MOD TO AZ TRIGGER ASSY
5232A-02
               OPER & SERV MAN
                                   MAR67 05232-9006
                                                          SEP71 05232-9007
                                                                                 01 02 05
               MAN CHANGE
                                   MAY71 05232-9006
5232A-03
               OPER & SERV MAN
                                   MAR67 05232-9006
                                                          SEP71 05232-9007
                                                                                 01 02 05
               MAN CHANGE
                                   MAY71 05232-9006
5233L
               OPER & SERV MAN
                                   MAY69 05233-9006
                                                          OCT84 05233-9007
                                                                              8L 01 02 03
               SERV NOTE SET BELOW
                                                          MAY78
               5233L-1
                                   FEB66
                                             SER BELOW 544- REC TRANS REPL FOR A1Q1 & A1Q2
               5233L-2A
                                             ALL SER.REPL TRANS FOR A1091 TO A1098 IN DECADE DIVIDER
                                   JUN66
5233L-02
               OPER & SERV MAN
                                   MAY69 D5233-9006
                                                          OCT71 05233-9007
                                                                                 01 02 04
5233L-03
               OPER & SERV MAN
                                   MAY69 05233-9006
                                                          OCT71 05233-9007
                                                                                 01 02 04
524A
               OPER & SERV MAN
                                   JAN00 524A-501A
                                                          AUG72 00524-9005
                                                                                 01 02 05
               SERV NOTE SET BELOW
                                                          OCT78
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11/08/85 PAGE 222 MODEL LITERATURE 0 H/C PART NUMBER H/C FICHE FICHE PART M P D P NUMBER C TYPE DATE DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 524A M-4 524A-1 JAN71 CRYSTAL OVEN MERCURY COLUMN THERM RPL NOT AVAILABLE 524A-2 WAVE SHAPER INSTALL MOD KIT 524A-3 IMPR CRYSTAL OVEN TEMP CONTROL KIT ADDEA EAN MOTOD MOUNT THROUGHENEST

11/08/85 NODEL 0 C NUMBER 5342A-006 OPE 5343A

5342A-H14

5342A-H16

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MAN

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 222 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	11/08/85 MODEL NUMBER
524A	H-A 524A-1 524A-2 524A-3 524A-4	JAN71 CRYSTAL OVEN MERCURY COLUMN THERM RPL NOT AVAILABLE WAVE SHAPER INSTALL.MOD KIT IMPR CRYSTAL OVEN TEMP CONTROL KIT APR54 FAN MOTOR MOUNT IMPROVEMENT	5342A-006 5343A
5248	OPER MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW 5248-1 5248-2 5248-5A 5248-6 5248-7A 5248-8 5248-9 5248-10 5248-110 5248-120 5248-120	JANDO 00524-9001 JAN71 00524-9007 01 02 01 JAN54 00524-9002 FEB80 00524-9006 8L 01 02 05 MAY60 00524-9002	5343A-006
524C	SERV NOTE SET BELOW 524C-1E 524C-2A 524B-1.C 524D-4	- DIG RECORDER 524C-95B ADAPT KIT JAN67 DIG RECORDER (BCD + 1224) ADAPT KIT - 524B Str 4675 + DOWN;524C/D ALL SER. MOD TO ELIMINATE OCCASIONAL MISCOUNTS	5344\$
524D	SERV NOTE SET BELOW 524D-1E 524D-2A 524D-3 524D-4 524D-5C 524D-6 524B-17C	- 524C SER 009-0-1925 + DOWN;524O SER 004-01825 + DOWN.PERIOD FUNCTION MOD OCT78 DIG RECORDER (STAIRCASE) ADAPT KIT SER BELOW 525.MOD TO IMPR RELIABILITY NOT AVAILABLE 524C SER 009-0-1925 + DOWN;524D SER 004-01825 + DOWN.MOD TO EXTEND FREQ TO 100 KHZ MOD TO EXTEND GATE TIMES INSTALL 524D-95 GATE KIT 524B SER 4675 + DOWN;524C1D ALL SER. MOD TO ELIMINATE OCCASIONAL MISCOUNTS	5345A
5240A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUN68 05240-9003 SEP71 05240-9004 01 02 04 MAY71 05240-9003	
5241A	OPER & SERV MAN	JAN73 05241-99000 AUG79 05241-99050 8L 01 33 03 JAN74 05241-99000	
52418	OPER & SERV MAN	JAN73 05241-99000 AUG79 05241-99050 8L 01 33 03 JAN74 05241-99000	
5242 L	이 속에 한 말로 잘 되어 못했다. 호텔	OCT65 05244-9004 OCT84 05244-9005 8L 01 02 04	

5233L-02

5233L-03

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208

OPER & SERV MAN

OPER & SERV MAN

MAY69 05233-9006

MAY69 05233-9006

OCT71 05233-9007

OCT71 05233-9007

01 02 04

01 02 04

5242L 244-9004 OCT84 05244-9005 8L 01 02 04 OCT82 5242L SER BELOW 316.5244L SER BELOW 328.INHIBIT SIGNAL MOD TO IMPR CAPABILITY WITH MAN CHANGE SEP67 05244-9004 5345A SERV NOTE SET BELOW 5242L/5244L-1 CONT'D APR66 562A DIGITAL RECORDER 5242L-02 OPER & SERV MAN OCT65 05244-9004 AUG70 05244-9005 D1 02 05

5345 5345 5345 5345 5345

	524	18			& SEF					41-99000 41-99000	AUG79	0524	1-99050	8L (01 33	03					
Joan Strá	524	2L		OPEP	& SEF	NAM VS	ĺ	OCT65	0524	44-9004	OCT84	0524	4-9005	8L (01 02	04					

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11/08/85 Model Number	O LITERATURE C TYPE	DATE	H/C PART FICH NUMBER DATE DESCRIPTION ***	NUMBER	LT	D P V G RIPTION **	* DESCRIPTION ***	PAGE 223 DESCRIPTION ***
5242L	MAN CHANGE	SEP67 0524	4-9004 OCT8	4 05244-9005	8L 01		현실과 수는 다 한글 일하는 15일 열린이 한 글 등 일	
	SERV NOTE SET BELOW 5242L/5244L-1 CONT'D	APR66 5	OCT8 242L SER BELOW 3 562A DIGITAL REC	16.5244L SER	BELOW 32	8.INHIBIT	SIGNAL MOD TO IMPR	CAPABILITY WITH
5242L - 02	OPER & SERV MAN MAN CHANGE	OCT65 0524 SEP67 0524		0 05244-9005	01	02 05		
242L-03	OPER & SERV MAN MAN CHANGE	OCT65 0524 SEP67 0524		0 05244-9005	01	02 05		
i243L	OPER & SERV MAN SERV NOTE SET BELOW	NAR65 0527	73-9003 MAY7 OCT8	1 05243-9007	01	02 05		
	5243L-18 5243L/5245L-2 5243L-3 5243L-4	- 5	243L SER BELOW 3	28.5245L SER 28.5245L BELO Mod Kit	BELOW 33 W 335.IN	S.MOD TO (PER WITH 5264A OR NAL MOD TO IMPR COM	5265A PAT WITH MODEL 562
243L-02	OPER & SERV MAN	MAR65 0527	3-9093 MAY7	1 05243-9007	01	02 05		
244L	OPER & SERV MAN MAN CHANGE	OCT65 0524 SEP67 0524	4-9004	4 05244-9005	8L 01	02 04		
	SERV NOTE SET BELOW 5242L/5244L-1 CONT'D 5244L/5245L-3 5244L/5245L-4 5244L/5245L-6	FEB66 5 FEB66 5	DIGITAL RECORDER 244L SER BELOW 5	16.5244L SER 40.5245L SER 44.5245L SER	BELOW 52 BELOW 54	O.INPUT AI	SIGNAL MOD TO IMPR PLIFIER MODIFICATI & HOUSING TO RED N	ON:
244L-02	GPER & SERV MAN MAN CHANGE	OCT65 0524 SEP67 0524	4-9004 AUG7	0 05244-9005		02 05		
244L - 03	OPER & SERV MAN MAN CHANGE	OCT65 0524 SEP67 0524		0 05244-9005	01	02 05		
245L	OPER & SERV MAN MAN CHANGE	SEP66 0524		1 05245-9037	01	02 05 FOR	SERIAL PFXES 544 &	BELOW
	OPER MAN MAN CHANGE	MAR67 0524 APR72 0524 JUL79 0524	5-9041 SEP79 5-9041	9 05245-9042	8L 01	02 02		
	MAN CHANGE UK OPER & SERV MAN MAN CHANGE MAN CHANGE UK.	JUN76 0524 NOV73 0524 APR80 0524 JUN76 0524	5-9044 JUL8 5-9044	0 05245-9047	8L 01	02 04 FOR	SERIAL PFXES 628 &	ABOVE
	SERV NOTE SET BELOW 5243L/5245L-2 5244L/5245L 5245L-5A 5244L/5245L-6 5245L-7 5245L-8A 5245L-9 5245L-10 5245L-11	- 5 FEB66 5 JUN66 A - S FEB67 S JUN75 WO A NOV81 WN S MAR82 WN A	JAN84 243L SER BELOW 3	28.5245L SER 40.5245L SER REPL EF REPL FOR A2 TRANS (Q1) R PREFERRED RE FOR 5245L-48	BELOW 54 1709.NOT 502 EPL. PL FOR F & 05245-	4.NEW FAN AVAILABLI WR SW/SAMI	LE CONTRL	AT WITH MODEL 562A
245L-002	OPER & SERV MAN	NOV73 0524	5-9044 JUL8	0 05245-9047	8L 01	02 04 FOR	SERIAL PFXES 628 &	ABOVE

5245L-002	OPER & SERV MAN	NOV73 D5245-9044 JUL80 D5245-9047 8L 01 D2 D4 FOR SERIAL PFXES 628 & ABOVE	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 224 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
5245L-002	MAN CHANGE MAN CHANGE UK.	APR80 05245-9044 JUL80 05245-9047 8L 01 02 04 JUN76 05245-9044	
5245L - 003	OPER & SERV MAN MAN CHANGE MAN CHANGE UK.	NOV73 05245-9044	
52 \5L-02	OPER & SERV MAN	SEPAK N5245-0005 FER71 N5245-0037 N1 N2 N5 END SERTAL DEVES EXA & DELON	

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5345A-011

5345A-012

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5245L-11	SEP83 WN ALL SER.REPL KIT FOR 105	44-60536 OSCIL P/N 5061-6004	
		원보다 성으로 하다 하는 이렇게 하는 사람들은 것 이 하는	
5245L-002 OPER & SERV MAN	NOV73 05245-9044 JUL80 05245	-9047 8L 01 02 04 FOR SERIAL PFXES 628 & ABO)VE

11/08/85 Model Number	O LITERATURE TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	· V	6	N *** DESC	RIPTIO	N ***	DESCRIP'	PAGE 224 TION ***
5245L - 002	MAN CHANGE MAN CHANGE UK.		05245-9044 05245-9044		05245-9047								
5245L - 003	OPER & SERV MAN MAN CHANGE MAN CHANGE UK.	APR80	05245-9044 05245-9044 05245-9044	10F80	05245-9047	8L 01	02	04	FOR SERIAL	PFXES	628	& ABOVE	
52 15 L - 02	OPER & SERV MAN MAN CHANGE		05245-9005 05245-9005	FEB71	05245-9037	01	02	05	FOR SERIAL	PFXES	544	8 BELOW	
5245L - 03	OPER & SERV MAN Man Change		05245-9005 05245-9005	FEB71	05245-9037	01	02	05	FOR SERIAL	PFXES	544	& DELOW	
5245M	OPER MAN SERV MAN MAN CHANGE	DEC73	05245-9032 05245-9045 05245-9045		05245-9035 05245-9046		02 02						
5245 H- J35	SERV MAR Man Change		05245-7045 05245-7045	JUN75	05245-9046	01	02	05					
5245M-J36	SERV MAN Man Change		05245-7045 05245-9045	JUN75	05245-9046	01	02	05					
5245 M-0 2	SERV MAN Man Change		05245-9045 05245-9045	JUN75	05245-9046	01	02	05					
5 245M-03	SERV MAN Man Change		05245-9045 05245-9045	JUN75	05245-9046	01	02	05					
5245M/5248M	SERV NOTE SET BELOW 5245M-1/5245M-1		WO SER BELOW 11	MAY78 24A014	11.MOD TO STO	P ERRA	TIC	GAT	ING				
5246L	OPER MAN SERV MAN MAN CHANGE	OCT68	05246-9005 05246-9006 05246-9006		05246-9007 05246-9008		02 02						
5246L-01	SERV MAN Man Change		05246-9006 05246-9006	JUN75	05246-9008	01	92	04					
5246L - 02	SERV MAN Man Change		05246-9006 05246-9006	JUN75	05246-9008	01	02	04					
5246L - 03	SERV MAN Man Change		05246-9006 05246-9006	JUN75	05246-9008	01	02	04					
5246L - 04	SERV MAN Man Shange		05246-9006 05246-9006	JUN75	05246-9008	、 01	02	04					
5246L - 05	SERV MAN Man Change		05246-9006 05246-9006	JUN75	05246-9008	01	02	04					
5246L - 06	SERV MAN Man Change		05246-9006 05246-9006	JUN75	05246-9008	01	02	04					
5247M	SERV MAN	SEP67	05247-9006	NOV70	05247-9012	01	02	ΔΩ					

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5247M	MAN CHANGE OPER MAN				05247-9012 05247-9013		02 02									
5247M-01	SERV MAN Man Change		05247-9006 05247-9006	NOV70	05247-9012	01	02	04								
5247M-02	SERV MAN Man Change		05247-9006 05247-9006	NOV70	05247-9012	01	02	04								

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5 3 504	5360A-1
	5360A-2 5360A-3
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	5360A-6
	5360A-7 5360A-8
	5360A-9

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OPER & MAN CHA SERV NO 5355A-CONT'I

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SERV NO 5356A-1 5356B-1

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SERV NO 5359A-2 5359A-2 5359A-2 5359A-4

5359A-5

OPER NO OPER NO SERV NO 536A-10 536A-28

SERV MAN CHASERV MAN CHARAPID-FOPER MAN CHASERV NO

11/08/85 MODEL NUMBER

5354A

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTIO	FICHE DATE N ***	NUMBER	L	T	٧	人名英格兰 医多性性 医二氏性结膜 医二氏病 医二氏病 医二氏结膜 化二氯化物 医二氯化物 医二氯化物 医二甲基甲基 医直肠管 化二氯甲基
5247M	MAN CHANGE Oper man		05247-9006 05247-9004	NOV70	05247-9012 05247-9013		01 (01 ()2 (
5247M-01	SERV MAN Man Change		05247-9006 05247-9006	NOV70	05247-9012		01 (마다 마다를 하는 생각하는 사람들은 사람들은 그리고 바로 되는데 했다.
5247M-02	SERV MAN Man Change		05247-9006 05247-9006	NOV70	05247-9012		01 (02 (
5247M-03	SERV MAN MAN CHANGE		05247-9006 05247-9006	NOVYO	05247-9012		01 (02 (
5248L	OPER & SERV MAN Man Change		05248-90014 05248-90014	0СТ77	05248-90015	8L	01 (02 (05
5248L-002	CPER & SERV MAN MAN CHANGE	at a table of the same	05248-90014 05248-90014	OCT77	05248-90015	8L	01 ()2 (05
5248L-003	OPER & SERV MAN Man Change		05248-90014 05248-90014	ост77	05248-90015	8L	01 (02 (
5248M	OPER & SERV MAN MAN CHANGE		05248-90014 05248-90014	ост77	05248-90015	8L	01 (02 ()5
5248M-002	OPER & SERV MAN Man Change		05248-90014 05248-90014	OCT77	05248-90015	8L	01 (02 (
5248M-003	OPER & SERV MAN Man Change		05248-90014 05248-90014	OCT77	05248-90015	8L	01 (02 ()5
525A	SERV MAN MAN CHANGE SERV NOTE SET BELOW 5248-14A 525A-1A	MAY60		MAY78 -Signa	00524-9006 L CIRCUIT ADJ T ADJUSTMENT)2 ()
525B	SERV NOTE SET BELOW 5248-14A 5258-1A 5258-2	SEP69	REPLACEMENT	OF SWI	L CIRCUIT ADJ			HZ S	STANDARD VOLTAGE MODIFICATION
525¢	OPER & SERV MAN SERV NOTE SET BELOW 524-14A 525C-1 525C-2		SER BELOW 12	MAY78 SIGNA 1-0086	L CIRCUIT ADJ 6.INCR 10 MHZ	USTM	NT		[요리] (1) 전 시간 마이트 (1) 전 경 보는 이 프로그램 (1) 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전
5251A	OPER & SERV MAN		05251-9002		05251-9004		01 ()2 (
5252A	OPER & SERV MAN SERV NOTE SET BELOW 5252A-1 5252A-2	JAN74 APR66 JUL66		MAY78 2.REPL	05252-9011 TRANS FOR A1 FERRED REPLAC	Q 16/)2 ()2
5253A	OPER & SERV MAN	AUE74	05253-9017	NOV79	05253-9018	8L	ດາ ເ)2 (

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NUMBER C	5360A-1 5360A-2 5360A-3 5360A-4 5360A-5 5360A-6 5360A-7 5360A-8 5360A-9 5360A-11
5363A	C/ER & SE SERV NOTE 5363A-1 5363A-2 5363A-3B 5363A-8/5 5363A-5
5363B	OPER & SE MAN CHANG SERV NOTE 53638-1A 53638-2 CONT'D 53638-4/5 53638-5 53638-5 53638-6
5365A	SERV MAN MAN CHANG SERV MAN MAN CHANG OPER MAN SERV NOTE 5365A-1B
537A	OPER NOTE OPER NOTE SERV NOTE 537A-1B
5370A	OPER & SE MAN CHANG SERV NOTE 5370A-1A 5370A-2 5370A-3 5370A-5 5370A-5 5370A-6 5370A-7 5370A-8 5370A-9

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DESCRIPTION ***

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AT FRONT PANEL CONN NG POWER DOWN

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11/08/85 MODEL LITERATURE H/C H/C PART FICHE PART M P FICHE NUMBER C TYPE DATE NUMBER DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5253A MAN CHANGE OCT79 05253-9017 NOV79 05253-9018 8L 01 02 02 MAN CHANGE UK NOV74 05253-9017 5253B OPER & SERV MAN AUG74 05253-9017 NOV79 05253-9018 8L 01 02 02 MAN CHANGE OCT79 05253-9017 MAN CHANGE UK NOV74 05253-9017 SERV NOTE SET BELOW MAY78 52538-1 SER BELOW 513-. ILUS PRTS IDENT 5254A OPER & SERV MAN FEB74 05254-9020 APR80 05254-9021 8L 01 02 02 MAN CHANGE JAN80 05254-9020 SERV NOTE SET BELOW MAY78 5254A-1 APR66 MOD TO STOP OSCIL IN A5 AFTER REPL A5Q12 5254A-2 MAY70 WO MIXER DIODE REPL PROCEDURE 5254B OPER & SERV KAN FEB74 05254-9020 APR80 05254-9021 8L 01 02 02 MAN CHANGE JAN80 05254-9020 OPER & SERV MAN 5254C FEB74 05254-9020 APR80 05254-9021 8L 01 02 02 MAN CHANGE JAN80 05254-9020 5255A OPER & SERV MAN NOV73 05255-9031 APR80 05255-9032 8L 01 02 02 MAN CHANGE JAN80 05255-9031 SERV NOTE SET BELOW MAY78 5255A-1 SER BELOW 640-00200. MOD IMPR REL & PERFORMANCE 5255A-2 JAN76 WN SER BELOW 1124A.REC REPL FOR TRANSISTORS A7A1Q2,4,6,8,10 5256A OPER & SERV MAN JAN74 05256-9008 DEC30 05256-9009 8L 01 G2 02 MAN CHANGE SEP80 05256-9008 SERV NOTE SET BELOW MAY78 5256A-1 JAN76 WN SER BELOW 1124A.REC REPL FOR TRANSISTORS A7A192,4,6,8,10 5257A OPER & SERV MAN JAN74 05257-90016 JUL80 05257-90017 8L 01 02 02 MAN CHANGE MAY80 05257-90016 5258A OPER & SERS MAN APR72 05258-9008 JUL74 05258-9009 01 02 02 MAN CHANGE FEB73 05258-9008 526A MAR64 526A-900 OPER & SERV MAN JUN71 00526-9008 01 02 01 MAN CHANGE DEC62 526A-900 526B OPER & SERV MAN MAR61 526B-900 JUN75 00526-9005 01 02 01 MAN CHANGE AUG62 526B-900 JAN54 00524-9002 SERV MAN FEB80 00524-9006 8L 01 02 05 MAN CHANGE MAY60 00524-9002 526C OPER & SERV MAN JAN63 526C-900 JUN71 00526-9007 01 02 01 JAN63 526C-900 MAN CHANGE SERV NOTE SET BELOW MAY78 526C-1A SER BELOW 1313. RESET SIG FROM COUNTR 526C-2 SER BELOW 005-00917. INPT GRID CIR MOD JUN67 526D OPER & SERV MAN JUL66 00526-9004 JUN7: 00526-9006 01 02 01 MAN CHANGE FEB68 00526-9004

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) ABCSC	OPER & SERV MAN MAN CHANGE	APR72 05258-9008 FEB73 05258-9008	JUL74 05258-9009	01 ()2 02	
526A	OPER & SERV MAN MAN CHANGE	MAR64 526A-900 DEC62 526A-900	JUN71 00526-9008	01 ()2 01	
526B	OPER & SERV MAN MAN CHANGE	MAR61 5268-900 AUG62 5268-900	JUN75 00526-9005	01 ()2 01	
	SERV MAN MAN CHANGE	JAN54 00524-9002 MAY60 00524-9002	FEB80 00524-9006	8L Q1 ()2 05	
526C	OPER & SERV MAN MAN CHANGE	JAN63 526C-900 JAN63 526C-900	JUN71 00526-9007	01 ()2 01	
	SERV NOTE SET BELOW 526C-1A 526C-2		MAY78 1313.RESET SIG FROM 005-00917.INPT GRID			
526D	OPER & SERV MAN MAN CHANGE	JUL66 00526-9004 FEB68 00526-9004	JUN71 00526-9006	01 ()2 01	

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260A	OPER & SERV HAN	NOVA7	*** DESCRIPTI		DESCRIPTION 7 U5260-9012				TION *** DESCRIPTION *** DESCRIPTION ***
	MAN CHANGE SERV NOTE SET BEI	DEC71	05260-9010	MAY78		OL.	V ,	UE 1	
	5260A-1 5265A-1 5265A-2		WO SER 836A TO PREF REPL F REPL OF CR1	1052A.I	MOD TO IMPR I	PHASE	E LO	CK	CHARACTERISTICS
261A	OPER & SERV MAN MAN CHANGE		05261-9012 05261-9012	NOV78	05261-9013	8 L	01	02 (
262 A	OPER & SERV MAN MAN CHANGE		05262-9024 05262-9024	DEC80	05262-9025	8L	01	02	02
263A	OPER & SERV MAN	MAR66	05263-901	DEC81	05263-9026	8L	01	14	
264A	OPER & SERV MAN MAN CHANGE	77 7 1 1 1 1 1 1 1	05264-9009 05264-9009	JUN75	05264-9010		01	02	02
265A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAY71	05265-9011 05265-9014 05265-9014		05265-9012 1 05265-9015		01 01	02 02	02 USE 5265A FICHE 05265-9015 02
267A	OPER & SERV MAN Man Change		05267-90008 05267-90008	ОСТ77	05267-90009	8L	01	02	02
268A	OPER & SERV MAN	JAN70	05268-99000	JUN85	05268-99001	8L	01	33	02
275A	OPER & SERV MAN SERV NOTE SET BEI		05275-9002	JAN78 MAY78	05275-90009	8L	01	02	03
	5275A-1A 5275A-2	JUN67 JUL66	SER BELOW S	02-0031	5.MOD TO RED Trans for A	TRAI	NSIE En D	NTS DISP	CAUSED BY MANUAL RESET LAY CONTROL ASSEMBLY
280A	OPER & SERV MAN Man Change		05280-9006 05280-9006	APR71	05280-9007		01	02	03
280A-H02	OPER & SERV MAN Man Change		05280-9006 05280-9006	APR71	05280-9007		01	02	03
280A-H06	OPER & SERV MAN MAN CHANGE	the state of the s	05280-9005 05280-9006	APR71	05280-9007		01	02	03
280A-D01	OPER & SERV MAN MAN CHANGE		05280-9006 05280-9006	APR71	05280-9007		01	02	03
285A	OPER & SERV MAN	DEC69	05285-9007	AUG81	05285-9008	8L	01	Ũد	02
300A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BEI	DEC83	05300-90017 05300-90017	MAR84 APR82	05300-90018	8L	01	02	02
	5300A-1B 5300A-2 5300A-3 5300A-1001 5300A-4 5300A-5	JAN76 MAR73 FEB74 JUL77 OCT77	WN ALL SER.SAE WN SER BELOW 1 WO ALL SER.MOD WN SER 1724U-C WN ALL SER.REC WN ALL SER.REC	TY.ELIM 208A021 DULES 53 05380 & USE OF	INATION OF PO 61.MOD TO STO D1A,/O2A/O3B BELOW.RECMD O 10548A TEST	OP TI /041/ REPL CARI	HERM 1064 FOR S C	AL 1/07 2E N 5	RUNAWAY A/10A/11A.MOD TO ENSURE PROPER SAFTY GROUND NER DIODE 300A

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5280A-H06	OPER & SERV MAN MAN CHANGE	SEP69 05280-9005 APR71 05280-9007 01 02 03 FEB70 05280-9006
5280A - 001	OPER & SERV MAN MAN CHANGE	SEP69 05280-9006 APR71 05280-9007 01 02 03 FEB70 05280-9006
5285A	OPER & SERV MAN	DEC69 05285-9007 AUG81 05285-9008 8L 01 G2 02
5300A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	APR74 U5300-90017 MAR84 05300-90018 8L 01 02 02 DEC83 05300-90017 APR82
	5300A-18 5300A-2 5300A-3	JAN76 WN ALL SER.SAFTY.ELIMINATION OF POTENTIAL SHOCK HAZARD MAR73 WN SER BELOW 1208A02161.MOD TO STOP THERMAL RUNAWAY FEB74 WO ALL SER.MODULES 5301A,/02A/03B/04A/06A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GROUND
	5300A-1001 5300A-4 5300A-5	JUL77 WN SER 1724U-05380 & BELOW.RECMD REPL FCR ZENER DIODE OCT77 WN ALL SER.REC USE OF 10548A TEST CARDS ON 5300A DEC78 WN ALL SER.REC 10548A DIAG TEST CARD UPDATE.

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5300A	5300A-6	NOV81 WN SER 1940A & BELOW.PREFERRED REPL FOR PWR SW/SAMPLE RATE CONTRL
5300B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 53008-1000 53008-1	FEB75 05300-90028 MAR75 05300-90029* 01 02 02 USE 5300B FICHE 05300-90036 MAY77 05300-90035 MAR84 05300-90036 8L 01 02 02 DEC83 05300-90035 APR79 JUL77 WN SER 1707U-02600 & BELOW.RECMD REPL FOR ZENER DIODE 0CT77 WN ALL SER.REC USE OF 10548A TEST CARDS ON 5300B DEC78 WN ALL SER.REC 10548A DIAG TEST CARD UPDATE.
5301A	MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW 5300A-3 5301A-1	MAY73 05301-90006 JUL82 05301-90009 8L 01 02 02 MAR82 05301-90006 SEP76 05301-90006 OCT82 FEB74 WO ALL SER, MODULES 5301A/02A/03B/04A/C6A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GRO APR79 WN SER 1824A04926 TO 1824A05275.REC MOD TO IMPR PERF OF ADDRESSABLE MODE JUN79 WN SER 1902U01151 TO 1902U01180.MOD TO IMPROVE ADDRESSABLE MODE.
5302A	MAN CHANGE SERV NOTE SET BELOW	APR75 05302-90009
5303A	MAN CHANGE SERV NOTE SET BELOW	JAN72 C5303-90005 OCT84 D5303-90014 8L 01 02 02 OCT72 D5303-90005 OCT82 FEB74 WO ALL SER, MODULES 5301A/02A/03B/04A/06A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GROOCT72 WA SER BELOW 1124A.MOD TO INSTAL INPUT OVERLOAD PROTECTION
5303B		JAN76 05303-90015 MAY83 05303-90016 8L 01 02 02 DEC83 05303-90015 JAN77 05303-90015 OCT82 FEB74 WO ALL SER, MODULES 5301A/02A/03B/04A/06A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GROJUL75 WN SER BELCY 1444A.PREF REPL FOR DECADE COUNTER AUG82 WN SER 1940 & BELOW.REPL FOR HIGH FREQ BINARY P/N 1820-0736
5304A	MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW	AUG73 05304-90006 FEB82 05304-90009 8L 01 02 02 DEC81 05304-90006 SEP77 05304-90006 JAN79 FEB74 WO ALL SER, MODULES 53013/02A/03B/04A/06A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GROFEB76 WO SER BELOW 1323U(1150.CIR MOD TO A1U12 FEB77 WA SER BELOW 1704A(13241; SER BELOW 1632U01490.MOD TO IMPR PERFORMANCE
5305A		0C174 05305-90001 0C177 05305-90003 &L 01 02 02 NOV75 05305-90001
53058	OPER & SERV MAN Man Change	AUG76 05305-90008 MAY83 05305-90009 8L 01 02 02 JAN83 05305-90008
5306A	 In the control of the c	OCT75 05306-90006 NOV82 05306-90007 8L 01 02 02 SEP82 05306-90006 JAN79

	MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW	DEC81 05304-90006 SEP77 05304-90006 JAN79
	5300A-3 5304A-U-1000 5304A-1	FEB74 WO ALL SER, MODULES 53012/02A/03B/04A/06A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GROUND FEB76 WO SER GELOW 1323U01150.CIR MOD TO A1U12 FEB77 WA SER BELOW 1704A(3241; SER BELOW 1632U01490.MOD TO IMPR PERFORMANCE
5305A	OPER & SERV MAN MAN CHANGE	0C174 05305-90001 0C177 05305-90003 &L 01 02 02 NOV75 05305-90001
5305B	OPER & SERV MAN MAN CHANGE	AUG76 05305-90008 MAY83 05305-90009 8L 01 02 02 JAN83 05305-90008
5306A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	OCT75 05306-90006 NOV82 05306-90007 8L 01 02 02 SEP82 05306-90006 JAN79
		FEB74 WO ALL SER MODULES 5301A/02A/03B/04A/06A/07A/10A/11A.MOD TO ENSURE PROPER SAFTY GROUND

PAGE 214 RIPTION ***	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICH DATE NUMBER DATE *** DESCRIPTION ***		PAGE 229 ESCRIPTION *** DESCRIPTION ***
	5306A	5306A-2 5306A-3 5306A-4 5306A-5 5306A-5	JUN74 WA SER BELOW 1332AO1 Jul74 wa ser below 1332a.p	160.IMPR OF LINEAR 761.MOD TO ENSURE HIGH SENSITIVL Y 761.HV INSULATOR RINTER OUTPT CORREC OD TO CORRECT PRINTER OUTPUT	
	5307A	MAN CHANGE SERV NOTE SET BELOW	NOV81 05307-90004 APR7	4 05307-90005 8½ 01 02 02 9 301A/02A/03B/04A/06A/07A/10A/11A.MC	ON TO ENGLIDE PRODER CARTY CROLLING
	5308A	5307A-1A OPER & SERV MAN	JAN79 WN SER 1308. HOD TG I	NSTALL GRND INPUT OVERLOAD PROTECT: 2 05308-90006 8L 01 02 02	ION.
206) WITH SER		SERV NOTE SET BELOW 5308A-1 5308A-2 5308A-3A	APR7 JUN75 WN SER BELOW 1440A.M JUL75 WA SER BELOW 1524A.M MAY78 WN SER 1720A02951 &	OD TO RED XTALK BETW INPT A & B.AL	
	5310A		DEC83 05300-90017 FEB75 05300-90028 MAR7	4 05300-90036 8L 01 02 02	OA FICHE 05300-90036
		5300A-3 5310A-1		301A/02A/03B/04A/06A/07A/10A/11A.M	DD TO ENSURE PROPER SAFTY GROUND
	5311A	SERV NOTE SET BELOW 5300A-3	MAY? FEB74 WO ALL SER,MODULES S	8 301A/02A/03B/04A/06A/07A/10A/11A.MC	OD TO ENSURE PROPER SAFTY GROUND
	5311B		SEP74 05311-90004 FEB8 NOV81 05311-90004 MAY7	2	
		5300A-3		301A/02A/03B/04A/06A/07A/10A/11A.MG	OD TO ENSURE PROPER SAFTY GROUND
ONIC GEN ASSY	5312A		NOV81 05312-90004	2 05312-90005 8L 01 02 02	
APPLICABLE TO		5312A-1A 5312A-2 5312A-3A		FOR OPER SERV MAN	
6017	5314A	MAN CHANGE MAN CHANGE UK	SEP78 05314-90001 NOV8 AUG83 05314-90001 JUN81 05314-90001	3 05314-90002 8L 01 02 02	
ASSY		SERV NOTE SET BELOW 5314A-1 5314A-2	JAN8 FEB79 WN SER 1816.REC MOD IUN79 WO SER 1828 & BELOW		

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	MAN CHANGE SERV NOTE SET BELOW 5312A-1A 5312A-2 5312A-3A 5312A-4B	/81 05312-90004 APR83 R76 WN NEW TRBLSHTG PROC F R78 WN ALL SER.OPER VERIF R81 WN INSTR FOR TRBLSHTG R82 WN ALL SER.OPER VERIFI	USING 9825A CNTRLR 5312A USING SIG ANALYSIS
5314A	CPER & SERV MAN MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW	78 05314-90001 NOV83 883 05314-90001 881 05314-90001 JAN84	05314-90002 8L 01 02 02
	5314A-1 5314A-2 5314A-4	379 WN SER 1816.REC MOD OF 179 WO SER 1828 & BELOW.NE	A1 MAIN BD ASSYS. W A2 POWER SUPPLY ASSY. R OPT 001(TCX0)PREF P/N 05314-60004
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	C H/C PART FICHE TE NUMBER DATE *** DESCRIPTION *** D	PAGE 230 FICHE PART M P D P NUMBER L T V G ESCRIPTION *** DESCRIPTION ***
5315A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	79 05315-90014 SEP81 (05315-90003* 8L 01 02 03 USE 5315A FICHE 05315-90015 05315-90015* 8L 01 02 02 USE 5315A FICHE 05315-90022 05315-90022 8L 01 02 03
5315A/B	SERV NOTE SET BELOW 5315A/B-1 5315A/B-2 5315A/B-3	OCT80 80 WO SER 1832A, 1824A, 180 WN ALL SER.KEPL P/N FO 80 WO ALL SER.MOD TO IMPR	B12A.MRC CHIP REPL PROC R YELLOW LED DISPLAYS OVE ELEC CONN ON A5 TRIANG SUPP ASSYS
5315B	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	79 05315-90014 SEP81 (05315-90003* 8L 01 02 03 USE 5315B FICHE 05315-90015 05315-90015* 8L 01 02 02 USE 5315B FICHE 05315-90022 05315-90022 8L 01 02 03
5315B - 006	INSTALL & SERV MAN MAN CHANGE	79 05315-90011 JUN85 1 85 05315-90011	05315-90017 8L 01 02 01
5316A	OPER & SERV MAN MAN CHANGE	85 05316-90001	05316-90002 8L 01 02 03
	SERV NOTE SET BELOW 5316A-1A 5316A-2 5316A-3B	81 WO SER 1924A THRU 2052	NSTRUCT TO FIND CHANNEL C RELAY PROBLEMS A.MOD TO PREVENT INTERMITTENT E1 ERRORS NOT CAUSED BY MICROCOMP PROG USING HP 85A CONTROLLER
532A	OPER NOTE OPER & SERV MAN SERV NOTE SET BELOW 532A-1A		00532-90013* 01 04 01 USE 532A FICHE 00352-90017 00532-90017 8L 01 04 01 EPLACEMENT
532B	OPER NOTE OPER & SERV MAN		00532-90013*
5321A	OPER & SERV MAN SERV NOTE SET BELOW 5221A/5321A-1 5221A/5321A-2A	71 05221-9015 DEC75 APR79 WN MOD TO RED AMPLER B	05221-9016
	5221A/5321A-3A	보고 전불점이 많이 많이 뭐 나라들다. 이번	AL TIME BASE (OPT 003).INSTAL PROC FOR 5221A & 5321A
53218	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5221B/5321B-1 5221B/5321B-2	73 05221-9014 APR79 WN MOD TO ENSURE ACCUR	05221-9017
5323A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	69 05323-90005 AUG77 (76 05323-90005 JUL80	FOR COMPATIBILITY WITH 5055A DIGITAL RECORDER D5323-90006 8L 01 02 03
5325A	5323A-1 Oper & Serv Man	72 WO SER BELOW 1144A.REP	L FOR CRYSTAL OSCILLATOR ASSEMBLY D5325-90014 8L 01 02 03
5325A-001	MAN CHANGE Oper & Serv Man	75 05325-90013	교통한 경우 이 보면 이 이 10 분이 있는 10 분이 되는 경우 이 보고 있는 것이 되는 것 같아. 이 보고 있는 것 같아 보고 있는 것이 되는 것이 되었다.
		13 03323-700 (3	05325-90014 8L 01 02 03

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11/08/8 MODEL NUMBE 5423A

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	MAN CHANGE SERV NOTE SET BELOW 5221B/5321B-1 5221B/5321B-2	JUL73 05221-9014 APR79 - WN MOD TO ENSURE ACCUR FREQ MEAS BELOW 100 KHZ MAR71 WN SER BELOW 0980A.MOD FOR COMPATIBILITY WITH 5055A DIGITAL RECORDER
5323A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5323A-1	NOV69 05323-90005 AUG77 05323-90006 8L 01 02 03 SEP76 05323-90005 JUL80 APR72 NO SER BELOW 1144A.REPL FOR CRYSTAL OSCILLATOR ASSEMBLY
5325A	OPER & SERV MAN MAN CHANGE	JUL73 05325-90013 0CT77 05325-90014 8L 01 02 03 FEB75 05325-90013
5325A-001	OPER & SERV MAN	JUL73 05325-90013 0CT77 05325-90014 8L 01 02 03

11/08/85 MODEL NUMBER	0 LITERATURE C TYPE	PAGE 23' H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5325A-001	MAN CHANGE	FEB75 05325-90013 0CT77 05325-90014 8L 01 02 03
5325A/B	SERV NOTE SET BELOW 5325A/B-1 5325A/B-2	JUL80 APR72 WO SER BELOW 1112A.REC REPL FOR CRYSTAL OSCILLATOR ASSEMBLY DEC72 WO TWO REV TO CNTR DISPLAY BOARD
53258	OPER & SERV MAN MAN CHANGE	JUL73 05325-90013 0CT77 05325-90014 8L 01 02 03 FEB75 05325-90013
5325B-001	OPER & SERV MAN MAN CHANGE	JUL73 05325-90013 0CT77 05325-90014 8L 01 02 03 FEB75 05325-90013
5326/5327	SERV NOTE SET BELOW 5326/5327-2 CONT'D 5326A/B/C/ 5327A/B/C-3 5326A/B/C/	OCT82 APR72 WO 5327A SER BELOW 1120A.5327B SER BELOW 114CA.5327C SER BELOW 1144A.MOD TO STOP 550 MHZ INPT OVRLD.SUPER 5326/5327-1 DEC72 WO ALL SER.SERV TIP TO RED NOISE ON SIG INPTS & MARKER OUTPT FROM NEON TRIGGER LAMPS JUL76 WO ALL SER.MOD TO STOP Q1 & Q2 FAILURES
	5327A/B/C-4 5326A/B/C/ 5327A/B/C-5	JUL73 WN ALL SER-FIELD INSTAL OF OPT 011.
	5326A/B/C/	JUL73 WN ALL SER.FIELD INSTAL OF OPT 010
	5327A/B/C-6 5326A/B/C/ 5327A/B/C-7	JUL73 WN ALL SER.OPT ADD OF FUSE TO PROTECT +175V POWER SUPPLY
	5326A/B/C/ 5327A/B/C-8	MAY74 WO ALL SER. DSPLY TUBE DRIVER WARNING
	5326A/B/C/ 5327A/B/C-9B CONT'D 5326B/5327B-10 5327B-11	JUL74 WA 5326A SER 1312A01906 TO 1312A03980,5326B SER 1312A02141 TO 1312A03015,5326C SER 1312A00451 TO 1312A00675,5327A SER 1312A00396 TO 1312A00590,5327B 1312A00546 TO 1312A00945,5327C SER 1312A00546 TO 1312A00895.ADD PROTEC TO STOP +175V FSE FRM BLI MAR80 WN ALL SER.REV IN-CABINET PREF CHECK JUN82 WN ALL SER.PREF REPL FOR HIGH FREQ BINARY IC A18U4 (P/N 1820-0736)
5326A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	MAR72 05326-90026
	OPER & SERV MAN	JUN72 05326-90030 FEB85 05326-90045 8L 01 02 03 FOR SERIAL PFXES 1044A & BELOW
53268	OPER & SERV MAN MAN CHANGE MAN CHANGE UK OPER & SERV MAN	FEB75 05326-90043
5 326 C	OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN74 05326-90038 SEP77 05326-90039 8L 01 02 03 0CT76 05326-90038 DEC75 05326-90038
5327A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	MAR72 05326-90026
5327B	OPER & SERV MAN MAN CHANGE	FEB75 05326-90043 JUL80 05326-90044 8L 01 02 04 MAY80 05326-90043

54420A-62 5443A 54440A 54440A-64 54451C 54470A

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11/08/85 MODEL NUMBER

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	OF LIN OF SERVE PIAIR	10K12 03320-90030	FEB03 U3320-9UU43	OF OF OS ON SERIAL PLYES 11544 & BETOM
5326C	OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN74 05326-90038 0CT76 05326-90038 DEC75 05326-90038	SEP77 05326-90039	8L 01 02 03
5327A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	MAR72 05326-90026 SEP73 05326-90035 MAY80 05326-90035 SEP76 05326-90035	0CT74 05326-90031* JUL80 05326-90040	
5327B	OPER & SERV MAN MAN CHANGE	FEB75 05326-90043 MAY80 05326-90043	JUL80 05326-90044	8L 01 02 04

5327B 5327C 5328A	OPER & SERV MAN MAN CHANGE MAN CHANGE UK USERS MAN USERS MAN OPER & SERV MAN MAN CHANGE MAN CHANGE MAN CHANGE UK ADDENDUM TO 0/S MAN SUBSYS MAN SUBSYS MAN SERV NOTE SET BELOW 5328A-1 5328A-2 5328A-4 5328A-4	NOV76 09571-93011 FEB77 09571-93012 8L 01 09 01 JUL85 NOV75 WO SER BELOW 1548.MOD TO STOP LOSS OF DSPLYD READING WITH SAMPLE RATE IN HOLD NOV75 WO SER BELOW 1548.MOD TO STOP EXTRA COUNTS IN START CLOCK "PHANTOM FUNCTION" FEB77 WA MOD TO STOP ANNUNCIATOR LGHTING PROB FEB77 WA SER BELOW 1704A02560.SPURIOUS OSCIL IN ARM LINES
	MAN CHANGE MAN CHANGE UK USERS MAN SERV MAN USERS MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK ADDENDUM TO O/S MAN SUBSYS MAN SERV NOTE SET BELOW 5328A-1 5328A-2 5328A-4 5328A-4	OCT76 05326-90038 DEC75 05326-90038 APR75 05328-90002
5328A	SERV MAN USERS MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK ADDENDUM TO 0/S MAN SUBSYS MAN SERV NOTE SET BELOW 5328A-1 5328A-2 5328A-3 5328A-4 5328A-4	APR76 05328-90011 NOV78 05328-90012* 8L 01 02 03 USE 5328A FICHE 05328-90077 AUG76 05328-90017 OCT77 05328-90018* 8L 01 02 02 USE 5328A FICHE 05328-90077 APR79 05328-90076 MAY84 05328-90077 8L 01 02 04 FEB84 05328-90076 JAN82 05328-90076 JUL79 05328-90078 APR80 05328-90079 8L 01 02 01 NOV76 09571-93011 FEB77 09571-93012 8L 01 09 01 JUL85 NOV75 WO SER BELOW 1548.MOD TO STOP LOSS OF DSPLYD READING WITH SAMPLE RATE IN HOLD NOV75 WO SER BELOW 1548.MOD TO STOP EXTRA COUNTS IN START CLOCK "PHANTOM FUNCTION" FEB77 WA MOD TO STOP ANNUNCIATOR LGHTING PROB FEB77 WA SER BELOW 1704A02560.SPURIOUS OSCIL IN ARM LINES
	SERV NOTE SET BELOW 5328A-1 5328A-2 5328A-3 5328A-4 5328A-U-4	JUL85 NOV75 WO SER BELOW 1548.MOD TO STOP LOSS OF DSPLYD READING WITH SAMPLE RATE IN HOLD NOV75 WO SER BELOW 1548.MOD TO STOP EXTRA COUNTS IN START CLOCK "PHANTOM FUNCTION" FEB77 WA MOD TO STOP ANNUNCIATOR LEHTING PROB FEB77 WA SER BELOW 1704A02560.SPURIOUS OSCIL IN ARM LINES
	5328A-5A 5328A-6 5328A-7 5328A-8 5328A-10 5328A-11 5328A-12 5328A-13 5328A-14 5328A-15 5328A-15 5328A-16	JUN77 WA SER 1706U-00190 & BELOW.MOD TO PREVENT SPURIOUS OSCILLATION IN ARM LINES NOV77 WO INSTAL PROC: OPT 041 PROG MODULE OCT77 WN ALL SER.REV OF MULTIPLIER PERF TEST FOR OPT 040,041 OCT77 WN ALL SER.DELAY CHECK FOR OPT 040 OCT77 WN ALL SER.DELAY CHECK FOR OPT 040 OCT77 WN ALL SER.DELAY CHECK FOR OPT 040 OCT77 WN ALL SER.WITH OPT 040,041.REV OF ADJ OF A14 MULTIPLIER & NOISE GEN FEB78 WN SER BELOW 1728A05785 (STD) & SER BELOW 1744A05710 (OPT 096).A2 PWR SUPLY ADJ OCT77 WN ALL SER.MOD TO IMPR COMPATIBILTY OF A16 DISPLAY ASSYS NOV77 WN OPT 010 OVEN OSC SER BELOW 1728A03235; SER BELOW 1719U.PREF REPL FOR A3C5 NOV77 WN OPT 011 HP-IB ALL SER.MISSING DECIMAL PT IN 5328A OPT 011 OUTPUT NOV77 WN OPT 041 PROG INPUT MODULE & OPT 096 (5328AF) ALL SER.REV OF DAC ADJ PROC JAM78 WN OPT 041 PROG INPUT MODULE ALL SER. REV OF IN-CAB PERF CHECK DEC77 WN SER 1804A05786 & UP STD; SER 1804A05861 & UP OPT 096.NEW A2 PWR SUPPLY ASSY AUG78 WN SER 1818U-00761 & UP.REC REPL FOR A2 PWR SUPPLY ASSY FEB78 WN OPT 096 ALL SER.REV OF IN-CAB PERF CHECK MAR78 WN ALL SER OPT 011. REC HP-IB VERIF USING 9825A
	5328A-18 5328A-19B 5328A-20 5328A-21 5328A-22A 5328A-23 5328A-24 5328A-25B 5328A-26 CONT'D 5328A-27A 5328A-27A 5328A-28A 5328A-29A 5328A-30 5328A-31 CONT'D 5328A-31	MAR78 WN STD,OPT 040, 041 ALL SER.OPER VERIF JUL79 WA SER 1816 & BELOW.MOD TO IMPROVE TRIGGER LEVEL SETTINGS. AUG78 WN ALL SER.REC PROC FOR PERF TEST-5328A JUL78 WN ALL SER.REC PROC FOR ADJ FOR 5328A JUL79 WN SERIES 1624 & 1632.SIGNATURE ANALYSIS TRBLSHTG PROC FOR OPT 011. DEC78 WO SER 1828-08626,08733,08743,08742,09052.REC IMPR TO A3 OSC SUPPORT ASSY. JUN79 WN ALL SER.REV OF A12 AMP ASSY SENSITIVITY-OFFSET ADJ PROC. MAR80 WN SER 1952A13473 OR 1948U02430 & BELOW.MOD TO IMPROVE DAC SETTLING TIME FOR OPT 041 FEB80 WO SER 1936A13173 OR 1948U02480 & BELOW.MOD TO CORRECT INTERFACE PROB WITH THE HP 984! CONTROLLER APR83 WN SER 1944A13473 & BELOW.HOW TO RETROFIT NEW A15 HP-IB ASSY (05328-60043) JAN81 WN ALL SER.REV OF FREQ RESP & SENS RERF TESTS & OP VERIF FOR CHANNEL C (OPTS 030 & 03' JAN81 WN ALL SER.REV OF CHANNEL C SENSITIVITY PERF TESTS JAN81 WN OPT 030 SER 2016 & BELOW;H99 SER 2017 & BELOW.PREF REPL FOR A8U9 DUAL COMPARATOR DEC80 WG OPT 041 SER 2004 & BELOW;H99 SER 2017 & BELOW.NEW A12 AMP SHIELDED-RELAY (K4) TO PREVENT MAG INTERACTION WITH TWO ADJ REED RELAYS K3 & K5 APR81 WN ALL SER.XEEF TABLE SHOWING A1U37 OPT ROMS TO CHANNEL C OPTS DEC82 WN ALL SER.HP-IB VERIF PROG USING HP 85A CONTROLLER

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APR83 WN SER 1944A13473 & BELOH.HOW TO RETROFIT NEW A15 HP-IB ASSY (05328-60043)
JAN81 WN ALL SER.REV OF FREQ RESP & SENS RERF TESTS & OP VERIF FOR CHANNEL C (OPTS 030 & 031) 5328A-27A 5328A-28A 5328A-29A JAN81 WN ALL SER. REV OF CHANNEL C SENSITIVITY PERF TESTS 5328A-30 JAN81 WN OPT 030 SER 2016 & BELOW; H99 SER 2017 & BELOW. PREF REPL FOR A8U9 DUAL COMPARATOR 5328A-31 DEC80 WG OPT 041 SER 2004 & BELOW; H99 SER 2017 & BELOW. NEW A12 AMP SHIELDED-RELAY (K4) TO PREVENT MAG INTERACTION WITH TWO ADJ REED RELAYS K3 & K5 CONT'D 5328A-32 APR81 WN ALL SER. XREF TABLE SHOWING A1U37 OPT ROMS TO CHANNEL C OPTS DEC82 WN ALL SER.HP-IB VERIF PROG USING HP 85A CONTROLLER DEC82 WN ALL SER.HP-IB VERIF.PROG USING HP 85A CONTROLLER 5328A-33C 5328A-34C 5328A-35 NOV81 WN ALL SER OPT 021 PERF TEST UPDATE 5328A-36 JUN83 WN LIST OF OBS SERVICE NOTES

5451-292 5451-293 5451-294 5451-295 5451-450 5451-451

PAGE 218	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	I/C H/C PART FICHE FICHE PART N P NATE NUMBER DATE NUMBER L T	
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	53284	5328A-37B 5328A-38 5328A-39 5328A-40 5328A-41	R84 WA ALL SER.MGD TO CORREC INTERM MISCOUNT P83 WN SER 2304A & BELOW.(STD & H99 COUNTERS R84 WN SER 2138A THRU 2402A.REPL CHNL-C SCHMEN T84 WA ALL SER.MOD TO PREV INSTROSCIL AROUNT C84 WA 5328A:ALL SER;5328AH99:2424 & BELOW.M).MOD TO PREV INTERM GATE LIGHT INDICATION HITT AMPLF (ON ASSY 05328-60045) DD 710 MHZ WHEN REPL 1836-0372 PRE-AMPS
RECORDS	5328A-C96	OPER & SERV MAN MAN CHANGE	P78 05328-90069 FEB79 05328-90070 8L 01	02 03
	5328A-H42	OPER & SERV MAN MAN CHANGE	IN78 05328-90055 FEB79 05328-90056 8L 01	02 03
	5328A-H99	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	IN80 05328-90082 FEB84 05328-90083* 8L 01 IN84 05328-90101 OCT85 05328-90102 8L 01 IV85 05328-90101	02 04 USE 5328A-H99 FICHE 05328-90102 02 04
	5328A-010	USERS MAN USERS MAN		02 02 USE 5328A FICHE 05328-90018 02 02 USE 5328A FICHE 05328-90077
	5328A-011	USERS MAN USERS MAN INSTALL & SERV MAN INSTALL & SERV MAN MAN CHANGE	JG76 05328-90017	02 02 USE 5328A FICHE 05328-90018 02 02 USE 5328A FICHE 05328-90077 02 02 USE 5328A-011 FICHE 05328-90094 02 01
	5328A-020	USERS MAN USERS MAN INSTALL & SERV MAN MAN CHANGE		02 02 USE 5328A FICHE 05328-90018 02 02 USE 5328A FICHE 05328-90077 02 01
	5328A-021	USERS MAN USERS MAN INSTALL & SERV MAN INSTALL & SERV MAN MAN CHANGE	JG76 05328-90017 OCT77 05328-90018* 8L 01	02 02 USE 5328A FICHE 05328-90018 02 02 USE 5328A FICHE 05328-90077 02 02 USE 5328A-020 FICHE 05328-90096 02 01
	5328A-030	USERS MAN USERS MAN INSTALL & SERV MAN MAN CHANGE MAN CHANGE UK		02 02 USE 5328A FICHE 05328-90018 02 02 USE 5328A FICHE 05328-90077 02 01
	5328A-031	INSTALL & SERV MAN MAN CHANGE MAN CHANGE UK	EP76 05328-90015 MAY83 05328-90016 8L 01 AN83 05328-90015 PR80 05328-90015	02 01

AUG76 05328-90017

APR75 05328-90002

AUG76 05328-90017

FEB77 05328-90025

OCT82 05328-90025

AUG81 05328-90025

AUG76 05328-90013

AUG76 05328-90017

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5328A-040

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11/08/85 MODEL NUMBER

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5451A-074 5451A-080 5451A-081 5451A-225 5451A-250 5451A-251 5451A-252

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OCT77 05328-90018* 8L 01 02 02 USE 5328A FICHE 05328-90077

JUL75 05328-90010* 8L 01 02 02 USE 5328A FICHE 05328-90018

OCT77 05328-90018* 8L 01 02 02 USE 5328A FICHE 05328-90077

JAN78 05328-90014* 8L 01 02 02 USE 5328A-041 FICHE 05328-90060 OCT77 05328-90018* 8L 01 02 02 USE 5328A FICHE 05328-90077

MAY83 05328-90026 8L 01 02 02

	USERS MAN			05328-90017	ОСТ77	05328-90018*	8L	01	02 ()2 USE	5328A	FICHE	05328-90077	
5328A-040	USERS MAN USERS MAN INSTALL & SE MAN CHANGE MAN CHANGE U		AUG76 FEB77 OCT82	05328-90002 05328-90017 05328-90025 05328-90025 05328-90025	OCT77	05328-90010* 05328-90018* 05328-90026	8L	01	02 (2 USE				
5328.4-041	INSTALL & SE USERS MAN	RV MAN		05328-90013 05328-90017		05328-90014* 05328-90018*							CHE 05328-900 05328-90077	60

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11/08/85 MODEL NUMBER

	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	T	V 6	
3284-041	INSTALL & SERV MAN MAN CHANGL		05328-90059 05328-90059	SEP84	05328-90060	8L (01 0	2 02	
328A-098	OPER INSTRUCT	AUG80	05328-90087	SEP80	05328-90088	8L (01 0	2 01	
328AF/096		JUN78	05328-90038 05328-90061 05328-90061		05328-90039* 05328-90062				USE 5328AF/096 F1CHE 05328-90062
328AF/098	OPER & SERV MAN	SEP78	05328-90067	FEB79	05328-90068*	8L (01 0	2 02	2 USE 5328AH99-098 FICHE 05328-90086
328AH99-098	and the contract of the contra		05328-90085 05328-90085	DEC84	05328-90086	8L (01 0	2 02	
328B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW		05328-90108 05328-90108	AUG85	05328-90109	8L (01 0	2 0	
	53288-1 53288-2	and the second second	WA ALL SER.MOD WA SER 2424 & B	TO PRE	V INSTR OSCIL				MHZ WHEN REPL 1836-0372 PRE-AMPS Andby Mode
5330A	OPER & SERV MAN MAN CHANGE		05330-90011 05330-90011	JAN74	05330-90012		01 0)2 0:	
330B	OPER & SERV MAN MAN CHANGE		05330-90011 05330-90011	JAN74	05330-90012		01 0)2 03	
5331A	OPER & SERV MAN MAN CHANGE		05331-90004 05331-90004	JUN75	05331-90006		01 0)2 0:	\$
53318	OPER & SERV MAN Man Change		05331-90004 05331-90004	JUN75	05331-90006		01 ()2 0:	
5332A	OPER & SERV MAN MAN CHANGE		05331-90004 05331-90004	JUN75	05331-90006		01 0)2 0.	
5 332 B	OPER & SERV MAN MAN CHANGE		05331-90004 05331-90004	JUN75	05331-90006		01 ()2 0:	3
5334A	SERV MAN MAN CHANGE		05334-90004 04334-90004	AUG85	05334-90005	8L	01 ()2 0	
	OPER & PROG MAN SERV NOTE SET BELOW		05334-90016	OCT85	05334-90017	8L	01 (02 0	2] 전에 가는 보이에 되고 있다. 아이들은 등 등을 하고 있다. 그 경험 등로 제 집에 가장 아이들은 등로 하고 있다. 것이 되는 등을 하고 있다. 보고 하는
	5334A-1 5334A-2 5334A-3 5334A-4	MAY84 JUL84	WA SER 2245A003 WO SER 2350A &	91 & B 26 & B BELOW.	BELOW.HP-IB EF BELOW WITH OPT MOD TO NEUTRI	LIZE	-ME/	SE	INSURE I/O CLEAR PROM UPDATE FOR CORREC DVM READING PEAK DETECT MEMORY RECALL PROB
5334R	OPER & SERV MAN	AUG84	05334-90011	NOV84	05334-90012	8L	01 ()2 0	
5335A	OPER MAN OPER MAN MAN CHANGE	MAR83	05335-90001 05335-90021 05335-90021	ост85	05335-90022				2 USE FICHE 05335-90022 5
	SERV NOTE SET BELOW 5335A-1B 5335A-3		WN ALL SER.5335		B VERIF PROG				NG 9825A CONTROLLER

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5451B
5451B MODAL
5451B OPTS
5451B**
5451B***
54518-MADIU
5451B-020
5451B-021
5451B-022
5451B-023
5451B-060
5451B-061
54518-074
5451B-110
5451B-157
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54518-227
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5335A 5335A-4 MAR81 WN ALL SER.PROG INPUT AMP ADJ PROCS (OPT DAU)

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5451B-250

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DEFAMESAFALTOR OF LKI LYW WEWAY! KECYFF LKAR
5334R
               OPER & SERV MAN
                                                         NOV84 05334-90012 8L 01 02 02
                                   AUG84 05334-90011
5335A
               OPER MAN
                                   APR80 05335-90001
                                                         NOV80 05335-90017* 8L 01 02 02 USE FICHE 05335-90022
                                   MAR83 05335-90021
               OPER MAN
                                                         OCT85 05335-90022 8L 01 02 05
               MAN CHANGE
                                   APR85 05335-90021
               SERV NOTE SET BELOW
                                                         OCT84
                                   MAR81 WN ALL SER.5335A HP-IB VERIF PROG (REV B) USING 9825A CONTROLLER
               5335A-1B
                                   DEC80 WN ALL SER. HOW TO USE SERV AID BD (05335-60013)
               5335A-3
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TIME

AGE 221

11/08/85 PAGE 235 11/08/85 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P D P MODEL NUMBER C TYPE DATE NUMBER NUMBER DATE LTVG NUMBER *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5335A 5335A-4 MAR81 WN ALL SER. PROG INPUT AMP ADJ PROCS (OPT 040) 5335A-5A NOV81 WN ALL SER. MOD TO PREVENT INPUT BUFFER AMP FAILURES 54518-251 5335A-6A SEP81 WO ALL SER. REV OF A1 PWR SUPPLY ADJS APR82 WN ALL SER.HP-IB VERIF PROG USING HP 85A CONTROLLER SEP81 WN ALL SER.KEY CAP P/N REPL 5335A-7B 5451B-252 5335A-8 5335A-9 NOV81 WN ALL SER PERF TEST FOR 5335A & ALL OPT 5451B-270 MAY82 WO ALL SER. MOD TO ENHANCE INTERPOLATOR PERF 5335A-10A JUL82 WA ALL SER. MOD TO PREVENT FRONT PANEL LOCKUP 5335A-11A MAY82 WA SER 2120 & ABOVE.ADJ PROC FOR A6 REAR PANEL ASSY P/N 05335-61006 5335A-12 54518-271 5335A-13 MAY82 WO SER 2120 & BELOW. MOD TO COMAT OF A3 (P/N 05335-6003). WITH A2 (P/N 05335-6002) 5335A-14 MAY82 WN ALL SER-FIELD INSTL PROC FOR OPT 040 5451B-272 SEP82 WA SER 2224 & BELOW. MOD TO IMPR PERF OF X10 ATTEN CIR OPT 040 5335A-15 5335A-16 JUN83 WN LIST OF OBS SERVICE NOTES 5451B-273 5335A-17 AUG83 WN ALL SER. REPL FRT END SCHMITT AMPLE MAY84 WO ALL SER. INSTAL FIRMWARE (ROM) REV 1-1 5335A-18 5451B-274 5335A-040 TEMP OP/SVC ADDEND AUG81 05335-90020 MAY83 05335-90021* 8L 01 02 02 USE 5335A FICHE 05335-90022 5451B-300 5340A OPER & SERV MAN SEP75 05340-90021 JUN85 05340-90022 8L 01 02 05 MAN CHANGE APR85 05340-90021 5451B-310 SERV NOTE SET BELOW OCT85 APR73 WA SER BELOW 1252A00269. MOD TO ELIM OSCILLATION ON CX-Z INPUT 5340A-1 534GA-2 JUN73 WA SER BELOW 1320A00450.MOD TO IMPR CHASSIS VIBRATION STABILITY 54518-320 JUL73 WN ALL SER.OPT 003 REMOTE PROG TROUBLESHOOTING & CHECKOUT AID 5340A-3 5340A-4 APR73 WO ALL SER. MIXER ASSY. ALL CALIB AFTER A11U1 REPLACEMENT 5340A-5 SEP73 WN ALL SER.REC REPL FOR IC 1820-0753 IS 1820-1179 5451B-350 JAN74 WO ALL SER.ADJ TO CORREC INTERMIT DSPLY OF ALL ZEROS OR PROLONGED ACQUISITION TIME WITH HIGH LEVEL (O DBM) 6 TO 11 6HZ INPT SIGNAL FEB74 WO ALL SER.A25 DSPLY ASSY DECODER/DRIVERS TO BE REPL BY SELECTED INTEGRATER CIR ONLY 5340A-6 CONT'D 5340A-7 FEB77 WN ALL SER. USING A LOGIC STATE ANALYZER FOR 5340A ASM TRBLSHTG 5340A-8 534DA-9A FEB80 WO SER BELOW 1644A04200 LINE FSE CHNG FOR IMPR TRANSFORMER PROTECTION 5340A-10 MAY77 WN SER 1644A04300 & UP. THERM SWICH CHNG OCT77 WN HP-IB VERIF PROG FOR 5340A OPT 011 5340A-11 5451B-400 5340A-12 MAY79 WO ALL SER.AT & AZ PREAMP TRBLSHTG INFO. 5340A-13A NOV79 WO SER 1936A & BELOW. REC REPL FOR A17 DIRECT COUNT AMP AUG80 WO SER 2008A06050 & BELOW. CONV TO LED DIG DISPLAY 5340A-14A 5451B-401 MAY80 HO SER 2088 & ABOVE. TEST PROC TO VERIFY -DBM SENS, 18GHZ TO 23GHZ AT ROOM TEMP 5340A-15 5340A-17 NOV80 WN ALL SER. INSTRUCT FOR REPL A1 PREAMP ASSY 5451B-402 5340A-18 NOV80 WN ALL SER. INSTRUCT FOR REPL AZ PREAMP ASSY FEB81 WN SER PFX 2112A & ABOVE. INSTR FOR PERF ADJ 5 & 6 (RE VCO 1 AND BCO 2 OUTPUTS) 5340A-19 JUL81 WO SER 2116 & BELOW. MOD TO PREVENT RANDOM GATING FLAW (40 GHZ INDICATED FOR A LOWER 5340A-20 CONT'D FREQ SIGNAL INPUT) 5451B-403 APR85 WN ALL SER.OPT OD6 MICROWAVE LIMITER RETROFIT 5340A-21A 5340A-006 OPER & SERV MAN AUG81 05340-90031 OCT81 05340-90032 8L 01)2 01 5451B-420 5341A OPER & SERV MAN JUL77 05341-90005 JUL80 05341-90006 8L 01 02 04 5451B-450 MAN CHANGE APR80 05341-90005 SERV NOTE SET BELOW JUL82 DEC76 WO ALL SER.REV OF ADJ PROC FOR A5 IF BRD & A4 PRESCALER BRD.SUPER 5341A-1 5341A-2 5341A-3 APR76 WN ALL SER. EXPLAN OF 5341A APPLICATION PROB UNDER HI INPT SIGNAL LEVELS DEC76 WO SER BELOW 1632A00410.MOD TO ADDRESS SWITCHES ON 5341A WITH HP-IB OPT (OPT 11) 5341A-4 5341-5 MAY79 WO ALL SER. PREF REPL PART FOR ASSY A4. 5341A-6 MAR82 WN ALL SER. 74LS REPL PN FOR 74L SER TTL ICS

11/08/85 PAGE 236 MODEL 0 LITERATURE H/C H/C PART FICHE PART M P D P FICHE NUMBER C TYPE NUMBER L T V G DATE NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5342A OPER & SERV MAN FEB79 05342-90013 OCT85 05342-90014 8L 01 02 06 MAN CHANGE JUN85 05342-90013 SERV MATE SET REI AL 1111 RE

11/08/85 MODEL NUMBER

5451B-157

5451B-226

5451B-227

5451B-228

54518-250

C

54518-450

MAN CHANGE APR80 05341-90005

SERV NOTE SET BELOW JUL82

5341A-2 DEC76 WO ALL SER.REV OF ADJ PROC FOR A5 IF BRD & A4 PRESCALER BRD.SUPER 5341A-1

5341A-3 APR76 WN ALL SER.EXPLAN OF 5341A APPLICATION PROB UNDER HI INPT SIGNAL LEVELS

5341A-4 DEC76 WO SER BELOW 1632A00410.MOD TO ADDRESS SWITCHES ON 5341A WITH HP-IB OPT (OPT 11)

5341-5 MAY79 WO ALL SER.PREF REPL PART FOR ASSY A4.

5341A-6 MAR82 WN ALL SER.74LS REPL PN FOR 74L SER TTL ICS

11/08/85 PAGE 236 MODEL LITERATURE H/C H/C PART FICHE FICHE PART M P D NUMBER TYPE DATE TV DATE NUMBER *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5342A OPER & SERV MAN FEB79 05342-90013 OCT85 05342-90014 8L 01 02 06 MAN CHANGE JUN85 05342-90013 SERV NOTE SET BELOW JUL85 5342A-1 MAR78 WN ALL SER.HP-IB PROG NOTES MAR78 WO SER BELOW 1720A00225.ADD OF DE-BOUNCE CAP TO A2 DISPLAY DRIVER 5342A-2 5342A-3 MAR78 WN ALL SER.PROC FOR SELECTING A3R15 5342A-4 MAR78 WO ALL SER.PROC FOR SEL A3R16 & C10 5342A-5 MAR78 WN ALL SER. PROC FOR SEL A9R16 5342A-6 MAR78 WO SER BELOW 1720A00225.ADD OF A14 CAP TO FIX FLICKERING DISPLAY SEGS 5342A-7 MAR78 WN SER 1804A00226 & UP.PREF REPL FOR A14 ROMS 5342A-8 MAR78 WO SER BELOW 1720A00225. INCR FILTERING OF +5V SUPPLY ON STD OSC 5342A-9A APR80 WO SER 1812 & BELOW.REC PROC TO CORRECT FALSE FREQ READOUT. SEP80 WO SER PRIOR TO 2020 & SER. 2020 & ABOVE WITH OPT 002. REC PROC FOR REPL LO FREQ INPUT 5342A-10B CONTD FUSE JANSO WO ALL SER.REC PROC FOR REPL GROUND FINGERS ON ASSYS A4, A5, & A8 5342A-11B MAR79 WN ALL SER. INFO TO AID IN TRBLSHTNG A3, A4, A5, A6, A7, A8, A9, A11, A12, A13, A14, A25, &A26 ASSYS 5342A-12 5342A-13 MAY79 WO ALL SER. MOD TO PREVENT TALK ONLY PROBLEM. SEP79 WO ALL SER. INFO TO AID IN TRBLSHTNG & REPAIR OF A26 SAMPLER DRIVER ASSY 5342A-14 OCT79 WO ALL SER. MOD TO CHECK FOR A15 HP-IB SRQ JUMPER IN THE EVENT OF NO RESPONSE TO SRQ 5342A-15 5342A-16 OCT79 NO ALL SER.PHR SUPPLY ADJ PROCEDURES 5342A-17 NOV79 WO IF TRELSHING INFO NOV79 WA ALL SER BEFORE 1916. PREF REPL FOR POWER SUPPLY SAPS C6 & C9 5342A-18 5342A-19 NOV79 WA MOD TO ADD GROUND CONN TO EFC LINE TO IMPROVE STABILITY ON OPT DO1 UNITS 5342A-20A SEP80 WO SER AFTER PFX 2020.ADD OF FUSED BNC LOW FREQ INPUT CONN FOR INSTRUMENT PROTECTION 5342A-21 MAY80 WO SER BELOW 1828. REC METHOD TO REDUCE IF NOISE ON INSTR WITH OPT 004 (DAC OPT) JUL80 WO SER 2014 & ABOVE. OPT 005 TEST & TRBLSHTNG PROC 5342A-22A 5342A-23 MAY80 WO SER 2024 & BELOW MOD TO INSTALL GUARD PLATE TO PROTECT CABLES 5342A-25 MAYSO WO SER 2020 & BELOW MOD TO CORRECT MISCOUNTING ABOVE 6GHZ SEP80 INSTRUCT FOR INSTALL AMP MSMT OPT 002 (RETROFIT KIT 05342-60200)
JUN31 WN INSTALL OF EXT DYNAMIC RANGE OPT 003 RETROFIT KIT PN 05342-60201 5342A-26 5342A-27 JUN81 WN INSTALL TO DIGITAL-TO-ANALOG CONV (DAC) OPT 004 RETROFIT KIT PN 05342-60202 5342A-28 5342A-29 NOV80 WN ALL SER. IMPR OPT DOZ TRBLSHTNG PROC ALLOYS ANALOG LOOP CHECKOUT 5342A-30 NOV80 WO SER 1720 & BELOW. MOD TO IMPR OPER AT HI AMBIENT TEMP 5342A-31 AUG81 WN ALL SER. OPT 006 MICROWAVE LIMITER RETROFIT JAN82 WN ALL SER. HP-IB VERIF PROG USING HP 85A CONTROLLER 5342A-32A SEP81 WO SER PFX BEFORE 2125A FOR LINE FILTER & VAR UPGRADE; ALL SER BEFORE 2142A05041 FOR PWR 5342A-33 CONT'D XSISTOR UPGRADE.PWR SUPPLY REL IMPR AUG82 WN SER 1808A00525 & BELOW.REC REPL FOR A16 AMPLITUDE OPT BD (05342-60016) 5342A-34 5342A-35 JUL82 WN ALL SER. FRONT PANEL REPL PARTS & PROC AUG82 WO SER 2207A & BELOW.ADD CAPAC REQUIR WHEN CHANG IC A3U5 P/N 1820-0982 5342A-36 5342A-37 AUG82 WO SER 2104A04095 & BELOW.REPL FOR A10U6 DIVIDE-BY-N ASSEMB 5342A-38 SEP82 WO SER 2244A06615 & BELOW. A18 TIME BASE BUFFER & A21 PWR SUPPLY ASSEMB COMP SEP82 WO SER 2228A & BELOW. RESIST REQ WHEN CHANG A10U2 5342A-39 5342A-40 DEC82 NO SER 2244A & BELOW MOD REQUIR WHEN CHANG A13U1/U2 5342A-41A APR84 NO SER 2317A07386 THRU 2317A07905.MOD TO PREV HIGH FREQ MISCOUNT MAR85 WO SER 2440A09236 & BELOW. MOD TO PREV HIGH FREQ MISCOUNT 5342A-42A 5342A-43 JAN85 WN SER 2428A8916 TO 244DA93D6.REC IC REPL TO PREV MISCOUNTS 5342A-H14 OPER INFO APR81 05342-90032 AUG84 05342-90033 8L 01 02 01 MAN CHANGE JUL81 05342-90032 MAN SUPP MAY81 05342-90034 JUL84 05342-90035 8L 01 02 01 5342A-H16 SUPP TO OP&SERV MAN DEC81 05342-90039 NOV83 05342-90040 8L 01 02 01 MAN CHANGE JUL83 05342-90039

54518-450 5451B-451 5451B-452 5451B-453 5451B-620 5451B-640 5451B-670 54518-720 5451B-730 5451B-740 5451B/5477A 5451C

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MODEL

NUMBER

11/08/85 PAGE 237 NODEL LITERATURE FICHE FICHE PART M P D P H/C H/C PART C NUMBER TYPE NUMBER DATE DATE NUMBER L T V 6 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5342A-006 OPER & SERV MAN AUG81 05342-90037 OCT81 05342-90038 8L 01 02 01 5343A OPER & SERV MAN OCT85 05343-90008 8L 01 02 05 APR80 05343-90007 MAN CHANGE JUN85 05343-90007

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MODEL 0 NUMBER C 5451C

11/08/85

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11/08/85 MODEL	O LITERATURE	H/C H/C PART FICHE FICHE PART M P D P
NUMBER	TYPE	DATE NUMBER DATE NUMBER L T V G
	지사를 되었는데 그리지 않는다.	*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
342A-006	OPER & SERV MAN	AUG81 05342-90037 OCT81 05342-90038 8L 01 02 01
5343A	OPER & SERV MAN	'면했다'로 그렇게 한 마음이 얼마나 하는데 하는데 하는데 하는데 하는데 그렇게 되는데 하는데 하는데 되었다. 그들이 모든데 하는데 그렇게 하는데 그렇게 하는데 되었다.
	MAN CHANGE	APR80 05343-90007
	SERV NOTE SET BELOW	
	53434-1	MAY80 WO SER 2024 & BELOW MOD TO INSTALL GUARD PLATE TO PROTECT CABLES
	5343A-3 5343-4	NOV80 WO SER 2108A & BELOW METHOD TO CURE MISCOUNTING ON INSTR WITH OPT 004 (DAC OPT)
	5343A-5	MAY80 WO SER 2020 & BELOW.MOD TO CORRECT MISCOUNTING ABOVE 6GHZ MAY80 WO SER 1936A & BELOW.MOD TO CORRECT MISCOUNT ABOVE 26GHZ
	5343A-6	FEB80 WO ALL SER. MOD TO ADD JUMPER TO U15 ON A16 ASSY TO IMPROVE RAM READ/WRITE PERF
	5343A-7	JUNBO WO ALL SER. PROC TO CORRECT MISCOUNTS BETWEEN 24-26.5GHZ
	5343A-8	NOV80 WO SER 2026 & BELOW. MOD PROC TO CORRECT MISCOUNT BETWEEN 18 & 26.5 GHZ
	5343A-9 [243A-10	NOV80 WO SER 2026 & BELOW.MOD TO IMPROVE OPER AT HI AMBIENT TEMPS AUG81 WN ALL SER.OPT 006 MICROWAVE LIMITER RETROFIT
	55-3A-11A	JAN82 WN ALL SER. HP-IB VERIF PROG USING HP 85A CONTROLLER
	5343A-12	AUG82 WN ALL SER. FRONT PANEL REPL PARTS & PROC
	5343A-13	AUG82 WO SER 2207A & BELOW.ADD CAPAC REQUIR WHEN CHANG IC A3U5 P/N 1820-0982
	5343A-14 5343A-15	AUG82 WO SER 2104A00335 & BELOW.REPL FOR A1CU6 DIVIDE-BY-N ASSEMB
	5343A-16	AUGEZ WA SER 2204A & BELOW.ROM CHANGE CORREC MISCOUNTS & LIMIT ERRORS IN MANUAL MODE SEP82 WO SER 2228A & BELOW.RESIST REG WHEN CHANGE A10U2
	5343A-17	SEP82 WO SER 2232A00845 & BELOW.A18 TIME BASE BUFFER & A21 PWR SUPPLY ASSY COMP
	5343A-18	DEC82 WO SER 2244A & BELOW. MOD REQUIR WHEN CHANG AT3U1/UZ
	5343A-19A	APR84 WO SER 2317A07386 THRU 2317A07905.MOD TO PREV HIGH FREQ MISCOUNT
	5343A-20A 5343A-21	MAR85 WO SER 2424A01674.MOD TO PREV HIGH FREQ MISCOUNT
		JAN85 WN SER 2428A1736 TO 244QA1956.REC IC REPL TO PREV MISCOUNTS
343A-006	OPER & SERV MAN	AUG81 05343-90011 OCT81 05343-90012 8L 01 02 01
5 344 S	OPER & SERV MAN	SEP83 05344-90009 OCT85 05344-90010 8L 01 02 05
	MAN CHANGE	.JUL85. 05344-90009.
	SERV NOTE SET BELOW 53445-1	
		SEP82 WA SER LIST IN TEXT BD CHANGE CORREC REMOT COMMAND BEING IGNORE AFTER LOCAL LOCKOUT
5345A	USERS HANDBOOK	JANUO 05345-90015 SEP74 05345-90016 01 02 01
	OPER & SERV MAN	FEB77 05345-90025 OCT85 05345-90026 8L 01 02 06
	MAN CHANGE SERV NOTE SET BELOW	MAY85 05345-90025 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	5345A-1	JAN75 WO SER 1428 & DOWN-INPT AMPLER FAILURES
	5345A-2	APR75 WO SER 1428 & UP.INPT AMPLER FAILURES
	5345A-3	DEC75 WO SER BELOW 1528. INPT AMPLER SWICH FAIL
	53454-4	MAY75 WO SER BELOW 1616A/OPT 012 BRD.MOD TO IMPROVE PERFORMANCE
생명을 들었다	5345A-5 5345A-6	MAY77 ALL SER.AIR FILTER REMOVAL
	5345A-7	JUL77 WN A9 MAINGATE ASSY.TBLSHTG PROCEDURE JUL77 WN A11 SCALER ASSY.TBLSHTG PROCEDURE
	5345A-8	JUL77 WN A11 SCALER ASSILIBLENTS PROCEDURE JUL77 WN A10 GATE CONTROL ASSYLTBENTS PROCED
	5345A-9B	JAN81 WN REC HP-IB VERIF PROG. OPT U11
	5345A-10A	DEC79 WO SER BELOW 1708. RES CHANGES TO A4 INPUT TRIGGER ASSY (05345-60004)
	5345A-11	MAR78 WO ALL SER. MOD TO A7 LINEAR REG ASSY (05345-60007) TO IMPR +15 V SUPPLY
	5345A-12B 5345A-13	JAN81 WN REC HP-IB VERIF PROG OPT 011
	5345A-14	MAY78 WN ALL SER.CLARIFICATION OF SPEC EXTENDER BD COMPATIBILITY WITH 5345A COUNTERS MAY79 WA ALL SER.ELIM OF SHORTING BETWEEN CIRC BDS & BD SOCKETS.
	5345A-15	JUN79 WO SER 1920A & BELOW. MOD TO IMPROVE MECH INTERCONNECTION WITH PLUG-INS.
	5345A-16A	MAY80 WO A13 BDS WITH SERIES 1820 & 1912. MOD TO PREVENT MISCOUNT ON REGICLE LINE.
	5345A-17	MARST WN ALL SER.SUMMARY OF A3 & A4 ASSY U1 AND U2 CHANGES, RP NOS, & BIAS ADJ
1.益 化光谱 人名吉尔尔	5345A-18	SEP81 WN ALL SER.ROM P/N CHANGES

11/08/85 MODEL O NUMBER C	TYPE	/C PART FICHE FICHE PART NUMBER DATE NUMBER DESCRIPTION *** DESCRIPTION ***	M P D P L T V G Description *** Descrip	PAGE 238 PTION *** DESCRIPTION ***
5345A 5345A 5345A 5345A 5345A 5345A 5345A	-20A JAN82 WN AL -21 SEP81 WO AL -22 FEB82 WO AL -23 MAR84 WA AL	L SER.HP-IB VERIF PROG FOR 5345 L SER.HP-IB VERIF PROG FOR 5345 L SER.HP-IB MOD FOR OPT 012 COM L OPT & SER PREF.MOD TO IMPROVE L SER(OPT 012).MOD TO ALLOW COU	A OPT 012 Pat with HP 1000L series Input sensi	강화관물을 내용하다 다리 생산으로 되고 있다.

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5451C-404

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	5345A-1 5345A-1 5345A-1 5345A-1	5 6A 7	JUN79 W May80 W Mar81 W	O SER O A13 N ALL	1920A BDS WI SER.SU	& DELO TH SER MMARY	SHORTING W.MOD TO IES 1820 OF A3 & CHANGES	IMPROVE & 1912.	MECH MOD TO	INTERCO!	NECTION MISCO	HTIW N	REG CLK	LINE.	
Õ		<u> TERATURE</u>	H/C_	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PART	FICH	2. 10. 11.	E PART	M P	p P					PAG

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SERV 5451E

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE N ***	NUMBER	L	T	D V RIP	
345A			WN ALL SER.HP-1						
			WN ALL SER.HP-						There is the first of the contract of
									HP 1000L SERIES COMPUTERS
			WO ALL OPT & SE						ENSI Respond Properly to Serial Poll
									V MISOUNT PROBLEM WHEN USED WITH 5355A
			WO ALL SER. MOD						
	5345A-26 CONT'D			10 & B					T A STANDARD 5345A TO OPT 012(ORIGNAL
	5345A-27 CONT'D	FEB85			BOVE.INSTRU	C TO I	RETR	OFI	T A STANDARD 5345A TO OPT D12(NEW VERSION
	5345A-28	reng5		10 2 0	FION TRETAIL	C TO I	IDD1	TE	FRT END FOR OPT 012
	5345A-29 CONT'D			10 & B	ELOW. INSTRU	C, TO	JPD/	\TE	FRT END FOR EITHER STANDARD 5345A OR
	5345A-30 CONT'D	FEB85							T STANDARD 5345A OPT 012 & TO UPDATE FRT
		MADRE		ELUR W	ON FOR OPT	011 C	n M (>1	ITED	DUMP MODE COMPAT WITH SERIES 200 COMPUTERS
	5345A-32								DUMP MODE COMPAT WITH SERIES 200 COMPUTERS
	5345A-33	/* *	WA ALL SER. MOD						the property of the contract of
	5345A-34								T DUE TO SYNTHESIZED GEN
	5345A-35		WN ALL SER.HOW				1.00		그는 사람들이 가지 하는 사람들이 가지 않는 原 한 사람들이 되는 사람들이 가지 않는 것 같은 사람들이 되는 것이 없었다.
	5345A-36								N REV A OF A20 FTLTER ASSY (05345-60130)
345A-011	OPER NOTE	FEB74	05345-90011	APR74	05345-9001	2	01	02	
345A-012	OP & SERV MAN SUPP	JANOO	05345-90022	SEP75	05345-9002	3* 8L	01	02	01 USE 5345A FICHE 05345-90026
5350A	OPER & PROG MAN MAN CHANGE		05350-90001 05350-90001	AUG85	05350-9000	2 8L	01	02	03
	SERV MAN		05350-90010	AUG85	05350-9001	1 8L	01	02	
	MAN CHANGE		05350-90010	7 (A)					집에도 생기하는 일반을 하는데 하고 보다 가는 내가 한다니는 것 같
	OPER & PROG MAN	APR85	05350-90012	JUL85	05350-9001	3 8L	01	02	
5 3 51A	OPER & PROG MAN MAN CHANGE		05350-90001 05350-90001	AUG85	05350-9000	2 8L	01	02	
	SERV MAN Man Change	FEB85	05350-90010 05350-90010	AUG85	05350-9001	1 8L	01	02	05
	OPER & PROG MAN	11 /	05350-90012	JUL85	05350-9001	3 8L	01	02	03
5352A	OPER & PROG MAN	APR85	05350-90012	JUL85	05350-9001	3 8L	01	02	
5353A	USERS HANDBOOK	JANOO	05345-90015	SEP74	05345-9001	6	01	02	
,,,,,,	OPER & SERV MAN		05353-90002		05353-9000			02	
	MAN CHANGE		05353-90002			J	~ ` `	· '-	
	SERV NOTE SET BELOW	,,, ,,,, -		JAN79					그 그런 어린 회사를 되었다. 학교 등에는 전화 회교 있는데 모양을
	5353A - 1	JUL78	WN REC HP-IB V		and the state of t	N.			
5354A	USERS HANDBOOK		G5345-90015		05345-9001			02	
	OPER & SERV MAN MAN CHANGE		05354-90006 05354-90006	AUG54	05354-9000	4 OL	UI	02	바다 하다 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다.
지원 등을 가르게 되는 사실 이 등을 다	ADDENDUM TO O/S MAN	FEB76	05354-90008		05354-9000	9 8L	01	02	
电流管 等注意	SERV NOTE SET BELOW 5354A-1		UA SED 1777ANN	APR83	and the second s	MANINA	TOP	y TE	ST POINT FOR ADJ OF SCHMITT TRIG ASSY (A15)
	5354A-2	MAY74	WA SER BELOW 1	404A001	25. CAP CHNE	TO S	TOP	FAL	SE LOCKING WHEN MEAS 1.5GHZ TO 2.0 GHZ
	5354A-3	JUN74	WA SER BELOW 1	100AA001	25.COMPON C	HNG T	0 S.	TOP	ERRATIC COUNTS WHEN IN MAN CW & MANUAL OR

	5354A-1 5354A-2 5354A-3	NOV74 WA SER 1332A00051 TO 1332A00068.MANDATORY TEST POINT FOR ADJ OF SCHMITT TRIG ASSY (A MAY74 WA SER BELOW 1404A00125.CAP CHNG TO STOP FALSE LOCKING WHEN MEAS 1.5GHZ TO 2.0 GHZ JUN74 WA SER BELOW 1404A00125.COMPON CHNG TO STOP ERRATIC COUNTS WHEN IN MAN CW & MANUAL O	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 2 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
5 354A	CONT D 5354A-4 5354A-5 5354A-6 5354A-7A 5354A-8 5354A-9	AUTO-PRF MODES OF OPERATION MAY75 WO ALL SER.05354-60003 (A3) SCHMITT TRIGGER FAILURE OCT76 WO ALL SER.A12 RAM FAILURES JUL78 WN REC HP-IB VERIF PROG OPT D11 NOV82 WN ALL SER.IMPR ADJ PROC OCT78 WN ALL SER.COMPATIBILITY & REPAIR INFO. MAR82 WN ALL SER.74LS REPL PN FOR 74L SER TTL ICS	

LA MAIE SEI DELUM		그들 보는 모두 환경에 지금의 점심하면 되는 사람이 있다면 하는 것이 되는 모습을 하는
554A-1 NOV74 WA SER	1332A00051 TO 1332A00068.MANDATORY TEST	POINT FOR ADJ OF SCHMITT TRIG ASSY (A15)
THE STATE OF THE S	BELOW 1404A00125.CAP CHNG TO STOP FALSE	ang parintan na bada dan dan ang banan ngang barana at an ang arawan na at an ang bigi na at at ar ang arawan
554A-3 JUN74 WA SER	BELOW 1404A00125.COMPON CHNG TO STOP ERR	AIIC COUNIS WHEN IN MAN CW & MANUAL OK

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 239 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5 354A	CONT'D 5354A-4 5354A-5 5354A-6 5354A-7A 5354A-8 5354A-9	AUTO-PRF MODES OF OPERATION MAY75 WO ALL SER.05354-60003 (A3) SCHMITT TRIGGER FAILURE OCT?6 WO ALL SER.A12 RAM FAILURES JUL78 WN REC HP-IB VERIF PROG OPT 011 NOV82 WN ALL SER.IMPR ADJ PROC OCT?8 WN ALL SER.COMPATIBILITY & REPAIR INFO. MAR82 WN ALL SER.74LS REPL PN FOR 74L SER TTL ICS
5355A	OPER & SERV MAN MAN CHANGE	DEC80 05355-90013 0CT85 05355-90014 8L 01 02 05 MAY85 05355-90013
	SERV NOTE SET BELOW 5355A-1 CONT'D	JAN82 SEP81 WO SER 2016 & BEFORE.CORRECT MISCOUNTING BY ATTEN OUTPUT A14 VCO.SER 2020 & LATER.PROC TO ADJ A14 VCO OUTPUT LEVEL AFTER A14 SERVICING
5356A	OPER & SERV MAN MAN CHANGE	DEC80 05355-90013 MAY84 05355-90014 8L 01 02 05 MAR84 05355-90013
5356A-006	OPER & SERV MAN	AUG81 05355-90016 OCT81 05355-90017 8L 01 02 01
5356A/B	SERV NOTE SET BELOW 5356A-1 5356B-1	JAN82 AUG81 WN ALL SER.OPT 006 MICROWAVE LIMITER RETROFIT OCT81 WN ALL SER.OPT 006.MICROWAVE LIMITER RETROFIT
5356B	OPER & SERV MAN Man Change	DEC80 05355-90013 MAY84 05355-90014 8L 01 02 05 MAR84 05355-90013
5356B-006	OPER & SERV MAN	AUG81 05355-90018 0CT81 05355-90019 8L 01 02 01
5356C	OPER & SERV MAN Man Change	DEC80 05355-90013 MAY84 05355-90014 8L 01 02 05 MAR84 05355-90013
5358A	OPER & SERV MAN MAN CHANGE	NOV77 05358-90004 NOV83 05358-90005 8L 01 02 03 AUG83 05358-90004
5359A	SERV NOTE SET BELOW 5359A-1 5359A-2 5359A-3 5359A-4 5359A-5	JUL84 FEB80 WO ALL SER.OP VERIF PROC FOR THE A17 OUTPUT REF BD FEB80 WO ALL SER.OP VERIF PROC FOR THE A18 OUTPUT ASSY OCT80 WO SER 2024A00311 & BELOW.MOD TO A9 TO PREVENT IMPROPER INSTRUM OPER ON POWER UP OCT80 WO SER 2036A00331 & BELOW.MOD TO HELP KEEP PC BDS IN SOCKETS FEB84 WO SER 2226A00796 & BELOW.LINE FUSE CHANG FOR 220-240V LINE VOLTG
536A	OPER NOTE OPER NOTE CHANGE SERV NOTE SET BELOW	JUL72 00536-90011 JUL77 00536-90012 8L 01 04 01 MAY77 00536-90011 MAY78
	536A-1C 536A-2B	AUG66 ALL SER.STOP GEAR REPLACEMENT AUG66 ALL SER.CALIBRATION PROCEDURE
5360A	SERV MAN MAN CHANGE SERV MAN	JUL70 05360-90014 JUL72 05360-90016 01 02 08 FOR SERIAL NOS. BELOW 1240A-01076 APR72 05360-90014 SEP73 05360-90024 AUG77 05360-90027 8L 01 02 06 FOR SERIAL NOS. 1240A-01076 & ABOVE
	MAN CHANGE RAPID-REPAIR PROG OPER MAN	JUL77 05360-90024 JANDO 05360-90028 SEP83 05360-90029 8L 01 02 01 0CT75 05360-90030 AUG77 05360-90031 8L 01 02 01
	MAN CHANGE SERV NOTE SET BELOW	VJUL77 05360-90030 JUL82

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MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5360/4	5360A-1 5360A-2	JUL70 WO SER BELOW 940.CHNG TO IMPR FREQ RESP & RED AMPLER INCOMPATIBILITY JUL70 WA SER BELOW 974.MOD TO IMPR DIG DSPLY TUBE RELIABILITY
	5360A-3 5360A-4	NOV70 WA SER BELOW 940.MOD TO STOP CURRENT LIM SEP71 WA SER BELOW 1128A.+5V SCR DESENSITIZING
	5360A-5 5360A-6	JUL72 WO SER BELOW 1136A00900.NEW IMPR 32 ASY MAR73 WN ALL SER.LIST PRTS IN 5360A COMPUTING CNTR SERV KIT.HP PN 10636A
	5360A-7 5360A-8	MAR73 WN SSR BELOW 1240A01076.NEW PANA PLEX DSPLY FOR IMPR RELIABILITY MAR76 WO SER BELOW 1240A-01076.CAUTION USING NIXIE REPL TUBE

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5360/4	5360A-1 5360A-2 5360A-3 5360A-4 5360A-5 5360A-6 5360A-7 5360A-8 5360A-9 5360A-11	JUL70 WO SER BELOW 940. CHNG TO IMPR FREQ RESP & RED AMPLFR INCOMPATIBILITY JUL70 WA SER BELOW 974. MOD TO IMPR DIG DSPLY TUBE RELIABILITY NOV70 WA SER BELOW 940. MOD TO STOP CURRENT LIM SEP71 WA SER BELOW 1128A. +5V SCR DESENSITIZING JUL72 WO SER BELOW 1136A00900. NEW IMPR 32 ASY MAR?3 WN ALL SER. LIST PRTS IN 5360A COMPUTING CNTR SERV KIT. HP PN 10636A MAR?3 WN SER BELOW 1240A01076. NEW PANA PLEX DSPLY FOR IMPR RELIABILITY MAR?6 WO SER BELOW 1240A-01076. CAUTION USING NIXIE REPL TUBE JUN7? WO ALL SER. NEW THERMAL SWITCH MAR82 WN ALL SER. REC PWR WX/SAMPLE RATE CONTL REPL (P/N 2100-3891)
5363A	C/ER & SERV MAN SERV NOTE SET BELOW 5363A-1 5363A-2 5363A-3B 5363A-8/5363B-3 5363A-5	DEC77 05363-90008 NOV84 05363-90009 8L 01 02 03 APR81 MAY78 WA SER 1748A & BELOW.REC CIRC MOD TO PREVENT TRIGGE; OUTPUT OSC. JUN78 WN REC HP-IB VERIF PROG JAN81 WN ALL SER.REPAIR/REPL OF PROBES USING MOD KIT 05363-60109 JUL79 WO ALL SER.PREF REPL PART FOR DIODE ASSY CR1. FEB80 WO ALL SER.NEW SIG ANALY PROC FOR THE 5363A TIME INTERVAL PROBES
5363B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5363B-1A 5363B-2 CONT'D 5363A-4/5363B-3 5363B-4 5363B-5 5363B-6	DEC82 05363-90020 OCT80 FEB80 WO SER 1832A & BELOW.MOD TO PREVENT TRIGGER OUTPUT OCS JUL79 WO SER 1920A00190 & BELOW.MOD TO PREVENT METAL MNTG FLANGE OF R18 FM SHTNG TO +5V PRINTED TRACE. JUL79 WO ALL SER.PREF REPL PART FOR DIODE ASSY CR1. DEC79 WO ALL SER.SIMPLE TRBLSHTNG PROC FOR 5363B CALIB ERRORS FEBRO WO ALL SER.NEW SIS ANALY PROC FOR THE 5363B TIME INTERVAL PROBES JUNJO WA SER 2028A00460 & BELOW.FUSE TYPE & RATING CHANGE
5365A	SERV MAN MAN CHANGE SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELOW 5365A-1B	JUL70 05360-90014 APR72 05360-90014 SEP73 05360-90024 JUL77 05360-90024 OCT75 05360-90030 AUG77 05360-90031 8L 01 02 01 JAN79 - WN SER 904 TO 936.MOD FOR REMOTE SELECTION OF CHANNEL A/B
537A	OPER NOTE OPER NOTE CHANGE SERV NOTE SET BELOW 537A-1B	JUL72 00536-90011 JUL77 00536-90012 8L 01 04 01 MAY77 00536-90011 MAY78 JUL66 ALL SER.CALIB + STOP GEAR REPL PROC
5370A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5370A-1A 5370A-2 5370A-3 5370A-4A 5370A-5 5370A-6 5370A-7 5370A-8 5370A-9	OCT79 05370-90010 MAY83 05370-90011 8L 01 02 05 MARS3 05370-90010 JUL84 MAY80 WN ALL SER.REC HP-IB VERIF PROGRAM. FEB79 WO REC ROM CHANGES. SEP79 WA SER 1848A00490 & BELOW.PREF PARTS REPLS TO IMPROVE ACCURACY JUN80 WN ALL SER.NEW ADJ PROC FOR INPUT ASSYS A3 & A4 NOV79 WA SER 1848A00530 & BELOW.REPL OF FUSE F1 TO IMPROVE ELEC PROTECTION NOV79 WO MOD TO ADD TOP COVER VINYL & CORK STRIP TO HELP PREVENT BD DISPLACEMENT NOV79 WO PREF REPL OF EXT TRIGGER, START, & STOP SLOPE SWITCHES OCT80 WO SER 2024A00811 & BELOW.MOD TO A9 TO PREVENT IMPROPER INTRUM OPER ON POWER UP APR80 WO SER 2008A00670 & BELOW.REC REPL FOR 18 PIN DIP SOCKETS

5526A-5 USERS MAI MAN CHANG OPER & SI SYS OPER	5500C-2/5 5526A-5 USERS MAI MAN CHANG OPER & SI SYS OPER OPER & SI SYS OPER OPER & SI WAN CHANG SYS OPER MAN CHANG SERV NOTE 5501A-2 5501A-2 5501A-2 5501A-3 5501A-6 5501A-9
noch = ^:	SYS OPER OPER & SI MAN CHANG SYS OPER MAN CHANG SERV NOTI 5501A-0 5501A-2 5501A-2 5501A-3 5501A-6 5501A-6 5501A-7 5501A-8

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DESCRIPTION ***

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5370A
               5370A-10
                                   OCT80 WN ALL SER. NOTIF OF SOFTWARE ASSOM WHEN USING HP-IB COMMAND GROUP EXECUTE TRIGGER
               5370A-11
                                   JUL81 WN ALL SER.REC ADDITION TO FRONT END CHECKOUT PROCEDURE
               5370A-12
                                   FEB84 WO ALL SER.LINE FUSE CHANG FOR 220-240V LINE VOLTE
               5370A-13
                                   MAR84 HO ALL SER. MOD TO ELIM TEMP SENSI INPUT AMPLE
5370B
              OPER & SERV MAN
                                   MAY83 05370-90020
                                                         JUL85 05370-90021 8L 01 02 05
              MAN CHANGE
                                   MAR85 05370-90020
               SERV NOTE SET BELOW
                                                         JUL84
              5370B-1
                                   FEB84 WO SER 2332A00380 & BELOW.LINE FUSE CHANG FOR 220-240V LINE VOLTG
5375A
              OPER & SERV MAN
                                   JUL70 05375-90005
                                                         OCT77 05375-90006 8L 01 02 03
              MAN CHANGE
                                   JUL73 05375-90005
5376A
              OPER & SERV MAN
                                   JAN71 05376-90031
                                                         JUN75 05376-90032
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              MAN CHANGE
                                   JAN75 05376-90031
5379A
                                   NOV73 05379-90011
              OPER & SERV MAN
                                                         AUG77 05379-90012 8L 01 02 02
              MAN CHANGE
                                   JUN77 05379-90011
              SERV NOTE SET BELOW
                                                         APR79
              5379A-1
                                   SEP73 WN SER BELOW 1232A00900. IMPR ARHING STAB
5381A
              OPER & SERV MAN
                                   OCT76 05381-90010
                                                         DEC84 05381-90011 8L 01 02 02
              MAN CHANGE
                                   JUL84 05381-90010
              SERV NOTE SET BELOW
                                                         APR85
              5381A-1
                                   MAY 75 WO SER BELOW 1404A. MOD TO ELIM 10 SEC GATE MISCOUNTING
              DY-5731-1/DY-5381-1
                                            REC ZENER DIODE REPL
                                  MAR65
                                   JUN75 WO SER BELOW 1449U.MOD TO ELIM 10 SEC GATE MISCOUNTING
              5381A-U-1
              5381A-2
                                   MOV78 WN SER 1624 & BELOW. REC FIELD REPL OF A1CR1 FULL WAVE BRIDGE RECT.
              5381A-3
                                   OCT84 WO SER 2310A TO 2440A.STAB OF OUTPUT IN OVERFLOW CONDITION
5382A
              OPER & SERV MAN
                                   MAY74 05382-90001
                                                         APR78 05382-90002* 8L 01 02 01 USE 5382A FICHE 05382-90009
              OPER & SERV MAN
                                   APR78 05382-90008
                                                         OCT85 05382-90009 8L 01 02 01
              KAN CHANGE
                                   JUN85 05382-90008
              SERV NOTE SET BELOW
                                                         APR85
               5382A-1
                                   FEB76 WO SER BELOW 1532A.PREF REPL FOR TRANSISTORS A109,10, & 11
              5382A-2
                                   DEC80 WN SER 2024 & BELOW MOD TO INSTALL NEW METAL-CASED TEMP-COMPENSATED XTAL OSC
                                   OCT84 WA SER 2320AU8261 THRU 2320A08295 & 2416A BELOW 2416A08435.REC REPL OF DEFECTIVE
               CONT'D
                                            1820-2318 (A1U4) EIGHT DECADE TIMEBASE IC
5383A
              OPER & SERY MAN
                                                         JUL75 05383-90003* 8L 01 02 02 USE 5383A FICHE 05383-90006
                                   MAR75 05383-90001
                                   SEP76 05383-90005
              OPER & SERV MAN
                                                         OCT85 05383-90006 8L 01 02 02
              MAN CHANGE
                                   JUN85 05383-90005
              SERV NOTE SET BELOW
                                                         APR85
              5383A-1
                                   OCT76 WO SER BELOW 1628A00960 MOD TO IMPR PERF
                                   NOV76 WO SER BELOW 1644U00395 MOD TO IMPR PERF
              5383A-U-1
                                  AUG82 WH SER 2116 & BELOW. PREF REPL FOR HIGH FREQ BINARY, IC A1U1 (P/N 1820-0736)
              5383A-2
              5383A-3
                                   OCT84 WA ALL 2338A & 2412A BELOW 2412A03456.REC REPL OF DEFECTIVE 1820-2318 (A1U11) EIGHT
               CONT'D
                                            DECADE TIMEBASE IC
5384A
              OFER & SERV MAN
                                   MAR85 05384-90006
                                                         AUG85 05384-90007 8L 01 02 03
              MAN CHANGE
                                   APR85 05384-90006
5384A/85A
              SERV NOTE SET BELOW
                                                         OCT85
              5384A/85A-1
                                   JUN64 WA ALL SER. MOD TO PREV COUNTER LOCKUP
              5384A/85A-2
                                   APR85 WN ALL SER.HP-IB VERIF PROG USING HP 85A CONTROLLER
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	5382A-2 5382A-3 CONT'D	DECRU WN SER 2024 & BELOW. MOD TO INSTALL NEW METAL-CASED TEMP-COMPENSATED XTAL OSC OCT84 WA SER 2320A08261 THRU 2320A08295 & 2416A BELOW 2416A08435. REC REPL OF DEFECTIVE 1820-2318 (A1U4) EIGHT DECADE TIMEBASE IC
5383A	MAN CHANGE SERV NOTE SET BELOW 5383A-1 5383A-U-1 5383A-2	MAR75 05383-90001
5384A	ONER & SERV MAN MAN CHANGE	MAR85 05384-90006 AUG85 05384-90007 8L 01 02 03 APR85 05384-90006
5384A/85A	SERV NOTE SET BELOW 5384A/85A-1 5384A/85A-2	OCT85 JUN84 WA ALL SER.MOD TO PREV COUNTER LOCKUP APR85 WN ALL SER.HP-18 VERIF PROG USING HP 85A CONTROLLER

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPT:	FICHE DATE ION *** J	NUMBER	L	T	V	G	ON *** DESCRIPTION *** DESCRIP	PAGE 24
5385A	OPER & SERV MAN MAN CHANGE		05384-90006 05384-90006	AUG85	05384-90007	8L	01	02	03		
5390A	INSTALL & SERV MAN USERS MAN INSTALL & SERV MAN MAN CHANGE	NOV77 FEB78	05390-90011	FEB78	05390-90012	8L	01	02	02	USE 5390A FICHE 05390-90015 PHASE NOISE PROGRAM PHASE NOISE PROGRAM	
	USERS MAN SERV NOTE SET BELOW 5390A-1	DEC77	05390-90016	JUL81		N. B		4109	a de	SIGMA Y OF TAU PROGRAM SELF-TEST PROBS AT LINE FREQ.	
5390A-010	USERS MAN USERS MAN	APR78	05390-90018 05390-90020	APR80	05390-90019 05390-90021	8L	01	02	01	SIGMA Y OF TAU PROGRAM PHASE NOISE PROGRAM	
5391A	SYS OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	SEP82	05391-90001	JUL80	05391-90003	8L	01	02	02		
5 40A	5391A-1 SERV NOTE SET BELOW 540A-1		SER 008-017	MAY78		Oυ	TPT	AMI	LIT	TUDE	
5403	OPER & SERV MAN SERV NOTE SET BELOW 540A-1		00540-9003 SER 008-006	MAY78	00540-9004 N.VIDED OUTP	T M		02	02		
5400 SERIES	INTERFACE MAN	NOV73	05400-9021	MAR80	05400-9022	8L	01	02	05		
5400A	SYSTEM SERV MAN OPER & SERV MAN		05400-9012 05400-9019		05400-9016 05400-9025	8L		02 02			
5400A-K09	OPER & SERV MAN	DEC70	05400-91050	NOV71	05400-9017		01	02	02	요한 물론 기를 하다. 아이트는 이번 이번 등로 모르고 요 1. 그렇게 보고 있는 것이 말한 그를 보이 하는 것이다.	
54001A	OPER NOTE	OCT84	54001-90901	DEC84	54001-90801	8L	01	08	01		
54002A	OPER NOTE	NOV84	54002-90901	FEB85	54002~90801	8L	01	08	01	영어, 일을 사용하는 이 변화를 하는 말이 되었다. 당하는 15일 등 대학생들은 하는 말을 들어 있다.	
54003A	OPER NOTE	OCT84	54003-90901	DEC84	54003-90801	8L	01	80	01		
5401A/B	SERV NOTE SET BELOW 5401A/B-1A	and the second second	WN SER 036 & (APR79 JP.MOD TO		NAL	AV	ERAG	ING	G CAPABILITY	
5401B	SYSTEM SERV MAN	FEB72	05401-90012	N0V85	05401-90020	8L	01	02	03		
5401B-800	OPER & SERV MAN	JAN74	05401-90017	FEB74	05401-90018		01	02	01		
5401B-840	OPER & SERV MAN	MAY73	05401-90015	AUG74	05401-90019		01	02	01	보면 보다 한 경기에 보고 불리는 하고 있다. 그 사람 사람들이 기존한 기존을 받는 것이 되었다.	
54018/9810A	OPER & SERV MAN	JAN74	05401-90017	FEB74	05401-90018		01	02	01	마음 그 10명을 보고 있는 이 환경을 함께 이 등 시간 되었다. 그렇게 살 말 없는 이 학생들은 바람들은 사람들이 했다.	
5401B/9820A	OPER & SERV MAN	MAY73	05401-90015	AUG74	05401-90019		01	02	01		
5402A	SOFTWARE MAN MAN CHANGE		05402-90010 05402-90010	APR81	05402-90014	8L	01	02	03		

ROPER SAFTY GROUND

11 / (MK NI) 5526 5526 5526 5526

54002A	OPER NOTE	NOV84 54002-909)1 FEB85	54002-90801	8L	01	08 (01						
54003A	OPER NOTE	OCT84 54003-909)1 DEC84	54003-90801	8L	01	08 (D1						
5401A/B	SERV NOTE SET BELOW 5401A/B-1A	JAN71 WN SER 03	APR79		SNAL	AVE	RAG	ING	CAPABIL	ITY				
5401B	SYSTEM SERV MAN	FEB72 05401-900	12 NOV85	05401-90020	8L	01	02 (03						
5401B-800	OPER & SERV MAN	JAN74 05401-900	7 FEB74	05401-90018		01	02 (D 1						
5401B-840	OPER & SERV MAN	MAY73 05401-900	5 AUG74	05401-90019		01	02 (01						
5401B/9810A	OPER & SERV MAN	JAN74 05401-900	7 FEB74	05401-90018		01	02 (D1						
5401B/9820A	OPER & SERV MAN	MAY73 05401-900	5 AUG74	05401-90019		01	02 (01						
5402A	SOFTWARE MAN Man Change	JUL71 05402-900 JUL71 05402-900		05402-90014	8L	01	02 (03						

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APR81 05402-90015 8L 01 02 01

11/08/85 MODEL

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OPER & SERV MAN

H/C DATE

MAY71 05402-90011

ROPER SAFTY GROUND

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경기 때문 경기를 가는데 이 계속 다시	
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· 사용 : 사용 : 보통 : 10 : 10 : 10 : 10 : 10 : 10 : 10 : 1	
교회를 하다 하다는 하루를 받으려고 했다.	
	İ .
아이들도 잘 하게 하는 살아 살린다.	
PER SAFTY GROUND	
DE	
[한테일의 말고도사이라] [
	套折
그리아 불리 얼마 그 경험 역상	
PER SAFTY GROUND	
불다. 우리는 호텔은 현실의 당시	
PER SAFTY GROUND	
아ુ 흥미를 잃었다는 생님도 그리고를 모려	
불인이 생긴한 회사를 하고 있다.	
PER SAFTY GROUND	
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PER SAFTY GROUND	

	MAN CHANGE	JUN71 05403-90004		
5406B	TEMPORARY OPER MAN TEMP SOFTWARE MAN SOFTWARE DOCUMENTAT SYSTEM SERV MAN KEYBD COMMANDS MAN MAN CHANGE	MAR73 05406-90039	JUN71 05406-90032 JUN71 05406-90033 JUN71 05406-90034 NOV85 05406-90042 JUN75 05406-90043	01 02 04 01 02 04 01 02 16 8L 01 02 03 8L 01 02 03
	SERV MAN SYSTEM OPER MAN SERV NOTE SET BELOW 54068-1	AUG72 05406-90036 JUN73 05406-90040	JUN75 05406-90045 APR79	8L 01 02 02 FO DIGITAL INTERFACE 8L 01 02 03
5410A	SERV MAN MAN CHANGE	MAR70 05410-9006 MAR72 05410-9006	JUL75 05410-9009	8L 01 02 02
54100A	OPER & PROG MAN	SEP84 54100-90901	DEC84 54100-90801	8L D1 08 04
	MAN CHANGE SERV MAN MAN CHANGE	OCT84 54100-90901 APR85 54100-90903 MAY85 54100-90903	OCT85 54100-90803	8L 01 08 02
54100D	OPER & PROG MAN MAN CHANGE	SEP84 54100-90901 OCT84 54100-90901	DEC84 54100-908G1	8L 01 08 04
	SERV MAN MAN CHANGE	APR85 54100-90903 MAY85 54100-90903	OCT85 54100-90803	8L 01 08 02
5415A	SERV MAN	JAN71 05415-9007	MAY71 05415-9008	01 02 03
5416A	SERV MAN	MAR74 05416-90010	MAR75 05416-90011	01 02 03
54168	SERV MAN	MAR74 05416-90010	MAR75 05416-90011	01 02 03
5417A	OPER & SERV MAN Man Change	OCT72 05417-90003 NOV73 05417-90003	OCT81 05417-90012	8L 01 02 02
5420	SERV MAN	NOV81 05420-90061	FEB82 05420-90062	8L 01 02 01
5420A	QUICK REF GUIDE MAINT MAN SERV MAN MAINT MAN USERS GUIDE USERS GUIDE MAINT MAN MAINT MAN INSTALL NOTE OFER & SERV MAN-II OPER & SERV MAN-III MAN CHANGE OPER & SERV MAN-III MAN CHANGE OPER & SERV MAN-III	DEC84 05420-90043	AUG79 05420-90015* 0CT78 05420-90022* MAR79 05420-90024* MAY80 05420-90033* MAY79 05420-90031* FEB81 05420-90035* JUL84 05420-90039	8L 01 02 02 USE 5420A FICHE 05420-90022 8L 01 02 09 USE 5420A FICHE -90042 OR -90044 8L 01 02 02 USE 5420A FICHE 05420-90031 8L 01 02 03 USE 5420A FICHE 05420-90052 8L 01 02 03 USE 5420A FICHE 05420-90035 8L 01 02 02 USE 5420A FICHE 05420-90052 8L 01 02 07 USE 5420A FICHE 05420-90052 8L 01 02 07 USE 5420A FICHE 05420-90068 8L 01 02 05

11/08 MOI NUN 55288 5532 5532/ 5532/ 5551/ 5551/ 5552/ 5554/ 5560 5580/ 5580E 5582 5583/ 5585/ 5590/

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5420	SERV MAN	NOV81	05420-90061	FEB82	05420-90062	8L	01	02	01					
5420A	QUICK REF GUIDE	AUG77	05420-90008	DEC77	05420-90009	81	N1	N2	01					
	MAINT MAN		05420-90010		05420-90011*					F 5420	FTCHE	05420-00022		
	SERV MAN	FEB78	05420-90014	AUG79	05420-90015*	8L	01	กัว	09 119	E 5420	FICHE	-4UUV5 UB -	ՖՖ ՈՌ Զ	
	MAINT MAN	JUN78	05:20-90021	OCT78	05420-90022*	8L	01	02	02 09	E 5420	FTCHE	05420-90031	/UUTT	
	USERS GUIDE	JUL78	05420-90023		05420-90024*									
	USERS GUIDE	JUL78	05420-90032	OSYAM	05420-90033*	8L	01	02	03 US	E 5420	FICHE	05420-20052		
	MAINT HAN	FEB79	05420-90030	MAY79	05420-90031*	8L	01	02	02 US	E 5420	FICHE	05420-90035		
	MAINT HAN	JUN79	05420-90034	FE981	05420-90035*	8L	01	02	02 US	E 5420	FIHCE	05420-90052		
	INSTALL NOTE	FEB80	05420-90038	JUL84	05420-90039	8L.	01	02	01					
	OFER & SERV MAN-I		05420-90041		05420-90042*					E 5420/	FICHE	05420-90068		
	OPER & SERV MAN-II	JAN81	05420-90043	MAR85	05420-90044	8L	01	02	05					
			05420-90043											
	OPER & JERV MAN-III	JAN82	05420-90045	OCT85	05420-90046	8L	01	02	08					4
			05420-90045		송 시간 시간 함께									
	OPER & SERV MAN-IV	SEP82	05420-90047	MAR84	05420-90048	8L	01	02	10					

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사용 (1987년 - 1985년 수일 현고 1987년 1987년) 대통령 (1987년 - 1987년 1987년 1987년 1987년)	1
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본학수통화학 시작화화의 본 시설증	
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등리 소문 자연됐다고 그 됐지?	
R SAFTY GROUND	
R SAFTY GROUND	
가 있다는 함께 되는 부분들이 문병하는 것이다. 기계 기계 기계 등 기계 기계 관계를 하고 불합하다. 본 기계 기계 기계	
R SAFTY GROUND	
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원 하루 하다 하는 사람들은 기를 받는다.	1

PER SAFTY GROUND

PER SAFTY GROUND

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 244 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5420A	USER'S GUIDE OPER & SERV MAN MAN CHANGE	NOV83 05420-90047 MAR84 05420-90048 8L 01 02 10 MAR81 05420-90051 MAY81 05420-90052 8L 01 02 02 MAY84 05420-90067 OCT85 05420-90068 8L 01 02 07 DEC84 05420-90067
	5420A-4A	OCT83 NOV81 WN ALL SER.SERV NOTE INDEX OCT81 WN 5440B:SER 1728 & BELOW;5441A:SER 1652 & BELOW;5443A:SER 1655 & BELOW.MOD TO IMPROVE
	5420A-7A 5420A-9A 5420A-11A 5420A-14A	SYSTEM PERF OCT81 WN SER BELOW 1804.MOD TO ELIM RACE CONDITION OCT81 WN SER 1636 & BELOW.MOD TO IMPROVE PERF OCT81 WN SER 1821 & BELOW.MOD.TO IMPROVE PERF OCT81 WN ALL SER.MOD TO IMPROVE SELF-TEST OCT81 WN ALL SER.HOD TO IMPROVE PERF
	5420A-16 5420A-17 5420A-18/54451C+02 5420A-19	FEB79 WN LIST OF 5240A CONTROL CARTRIDGES FEB79 WN SER 1836 & UP(5443A).TEST PROC TO SELECT PARITY ERROR/MEMORY LOSS INDICATIONS FEB79 WO SERIES 1836 & BELOW.MOD TO IMP HANDSHAKE FEB79 WO ALL SER.REC REPL PARTS TO IMPR BOOSTER BOARD PERF MAR79 WO SER 1836 & BELOW(5441A);SER 1904 & BELOW(5443A).MOD TO CHANGE LEDS TO PREVENT STICKY
	CONT'D 5420A-21B 5420A-22A 5420A-23 5420A-24 5420A-25 5420A-26 5420A-27A 5420A-28	OCT81 WN ALL SER.LIST OF MOD THAT ARE IMPORTANT TO REL OF 5420A OCT81 WN MOD TO IMPR PERF NOV79 WO REC REPL FOR 5441A - WO MOD TO IMPROVE PERF JUL80 NEW XCHANGE ASSY CONFIG FOR 2105A COMPUTER A TYPE POWER SUPPLY AUG80 WN SER 1940A THRU 2012A.MOD TO 54410A CM (COMMON MODE SWITCH) AUG82 WO SER 2116A00766 & BELOW.ON/OFF SWTCH AUG82 WN ALL SER MOD TO IMPR HP-IB CONTRILER COMPATIBILITY
5420B	5420A-29 USER'S GUIDE	JUN83 WA ALL SER. CARTRIDGE TAPE INCOMPAT DEC81 05420090056 MAR85 05420-90057 8L 01 02 04 VOL 1
	MAN CHANGE USER'S GUIDE	DEC84 05420-90056 DEC81 05420-90058 MAR85 05420-90059 8L 01 02 03 VOL II DEC84 05420-90058
	SERV NOTE SET BELOW 54208-1	
4200A	OPER PROG&SERV MAN Man Change	MAY85 54200-90901 0CT85 54200-90801 8L 01 08 06 JUL85 54200-90901
54200A/D	SERV NOTE SET BELOW 5420A/D-1	OCT85 APR85 WA SER 2445A.REC PROM REPL TO CORREC FIRMWARE
54200D	OPER PROGESERV MAN	MAY85 54200-90901
1421A	SERV MAN	JUN7D 05421-9008 AUG70 05421-9009 01 02 05
6422B	CPER & SERV MAN	NOV73 05422-90022 DEC75 05422-90023 8L 01 02 04
5423A	USER'S HANDBOOK USER'S GUIDE-VOL 2	OCT79 05423-90010 FEB80 05423-90011* 8L 01 02 03 USE5423A FICHE 05423-90022 FP/N CHANGE JAN80 05423-90014 JUL81 05423-90015* 8L 01 02 02 USE 5423A FICHE 05423-90028 OCT85 05423-90021 8L 01 02 04 DEC84 05423-90009
		0CT79 05423-90010

	TIME SHAROL	
54200A/D	SERV NOTE SET BELOW 5420A/D-1	OCT85 APR85 WA SER 2445A.REC PROM REPL TO CORREC FIRMWARE
54200D	OPER PROGREERY MAN MAN CHANGE	MAY85 54200-90901 OCT85 54200-90801 8L 01 08 06 JUL85 54200-90901
5421A	SERV MAN	JUN70 05421-9008 AUG70 05421-9009 01 02 05
5422B	OPER & SERV MAN	NOV73 05422-90022 DEC75 05422-90023 8L 01 02 04
5423A	USER'S GUIDE USER'S HANDBOOK USER'S GUIDE-VOL 2 MAN CHANGE	OCT79 05423-90010 FEB80 05423-90011* 8L 01 02 03 USE5423A FICHE 05423-90022 FP/N CHANGE JAN80 05423-90014 JUL81 05423-90015* 8L 01 02 02 USE 5423A FICHE 05423-90028 OCT85 05423-90021 8L 01 02 04 DEC84 05423-90009
	USER'S GUIDE-VOL 3	OCT79 05423-90010 OCT85 05423-90022 8L 01 02 03
		일 이 사용하다는 이 마음을 하는 것으로 되었다. 이 분들에 하는 분들은 이 생물에 가장 하는 사람들이 모르는 것이 되었다. 이 분들이 사용하는 것이 되었다. 이 사용이 사용하는 사용이 되었다. 당 일 (10 mm) 등 기본은 사용이 있는 분들이 하는 분들이 되었다. 이 분들이 사용하는 사용하는 사용이 되었다. 그는 사용이 되었다. 사용이 되었다. 사용이 사용이 되었다. 이 사용이 되었다.

PAGE 230 TION ***	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE		FICHE DATE N ***	NUMBER	L	P D P T V G	PAGE 7 *** DESCRIPTION *** DESCRIPTION ***
	5423A	MAN CHANGE USER'S HANDBOOK		05423-90010 05423-90027	OCT85	05423-90022	8L 0	1 02 03	
		MAN CHANGE USER'S GUIDE-VOL 1	DEC84	05423-90027 05423-90031		05423-90028 05423-90032		11 02 02 11 02 03	
		MAN CHANGE OPER & SERV MAN-I	DEC84 JAN81	05423-90031 05420-90041	MAR84	05420-90042*	8L 0	1 02 07 USI	5423A FICHE 05420-90068
		OPER & SERV MAN-II MAN CHANGE	DEC84	05420-90043 05420-90043	MAR85	05420-90044	8L 0	11 02 05	이 등이 있는데 이 사람이 있는데 있는데 이 사람이 되는데 이 경우를 받는데 없다. 소를 보고를 보다는데 하다면 된 이 기를 통해 되었다. 그 일본 등을 받는데 없다.
		CPER & SERV MAN-III MAN CHANGE OPER & SERV MAN-IV	DEC84	05420-90045 05420-90047		05420-90046 05420-90048		计 计基準的 电路	
		MAN CHANGE SERV MAN	NOV83	05420-90047 05420-90061				1 02 10	
		OPER & SERV MAN MAN CHANGE	MAY84	05420-90067 05420-90067				1 02 07	. 현실 경우 10년 1일
		SERV NOTE SET BELOW 5423A-0		WN ALL SER-SERV		INDEX			
		5423A-1 5423A-2 5423A-3	AU682	WO SER 2116A005 WN ALL SER MOD	TO IMP	R HP-IB CONTRL	LER	COMPATIBIL	· ITX
		5420A-26	AU680	WA SER 2304 & B WN SER 2022A &	BELOW.	MOD TO 54410A	CM (COMMON MODE	SWITCH)
IICROCOMP	5425A	INSTAL/OP/SERV NOTE SERV MAN	NOV76	05425-90308	APR77	05425-90309		1 02 01 1 02 03	
		OPER MAN MAN SUPP 1	FEB77	05425-90310 05425-90315				1 02 05	
	5427A	INSTAL/OP/DEHO NOTE SYSTEM SERV MAN		05427-90015		05425-90314 05427-90016			
		MAN CHANGE OPER MAN	0CT84	05427-90015 05427-90017					5427A FICHE 05427-90020
		OPER MAN MAN CHANGE	JAN80 MAY85	05427-90019 05427-90019	OCT85	05427-90020	8L 0	11 02 06	
			SEP81	05427-90026	JUN80	05427-90022* 05427-90027	8L 0	11 02 01 USE 11 02 03	5427A FICHE 05427-90029
		MAN CHANGE INSTAL/OP/DEMO NOTE MAN CHANGE	AUG82	05427-90026 05427-90028 05427-90028	SEP84	05427-90029	8L 0	1 02 01	[발표하는 사람들을 모르고 기본 경험 등을 가는 것이라고 보고 있다. [변경 기본] 공항 전 기본 기본 시간 기본
		SERV NOTE SET BELOW 5427A-02	JAN80		0CT82		IPPNV	F 54274 GEI	F CHECK RESULTS
		5427A-03 5427A-04	APR81	WN ALL SER.ADJ WN ALL SER.DAC	PROC				-r Check Results
		5427A-6 5427A-7	SEP81 DEC81	WN ALL SER.HOW	TO USE	& INTERPRET S	ELF	CHECK PROGR	
	1966 - 1964 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966 - 1966	5427A-8 5427A-9A	JAN82	ALL SER SELF WN ALL SER.SWTC WN ALL SER.MOD	H REGI	STER CABLE MOD) } .HP	PROBLEM	
	5430A	SERV MAN		05430-90003		05430-9004		1 02 03	
	54300A	OPER & SERV MAN Man Change		54300-90901 54300-90901	ост85	54300-90801			
	5431A	SERV MAN	FEB72	05431-9011	DEC75	05431-9012	AI N	1 02 02	

11/08/8 MODEL NUMBE 565A 570A 5700A 5701A 571B 5731 580A 581A 59300-1 59300-1 59301A 59303A

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	5427A-03 5427A-04 5427A-6 5427A-7 5427A-8 5427A-9A	APR81 WN ALL SER.ADJ PROC AUG81 WN ALL SER.DAC DIAG PROGRAM PROC SEP81 WN ALL SER.HOW TO USE & INTERPRET SELF CHECK PROGRAM DEC81 ALL SER SELF-CHECK HOOK-UP JAN82 WN ALL SER.SWICH REGISTER CABLE MOD JUL82 WN ALL SER.MOD TO PREV C-SUPPLY PWR UP PROBLEM
5430A	SERV MAN	MAR71 05430-90003 MAY74 05430-9004 01 02 03
54300A	OPER & SERV MAN MAN CHANGE	FEB85 54300-90901 0CT85 54300-90801 8L 01 08 02 MAR85 54300-90901
5431A	SERV MAN MAN CHANGE	FEB72 05431-9011 DEC75 05431-9012 8L 01 02 02 AUG72 05431-9011
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 246 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5431B	SERV MAN	FEB72 05431-9011 DEC75 05431-9012 8L 01 02 02

11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 2 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5431B	SERV MAN Man Change	FEB72 05431-9011 DEC75 05431-9012 8L 01 02 02 AUG72 05431-9011
5432A	OPER & SERV MAN	SEP73 05432-90004 JUL75 05432-90005 8L 01 02 01
5440	INSTALL NOTE	MAY76 05440-90013 DEC76 05440-90014* 8L 01 02 01 USE 5440B FICHE 05440-90019
5440A	INSTALL NOTE Module man	MAY75 05440-90004
5440A/B	SERV NOTE SET BELOW 5440A-1/5440B-1 5440A-2/5440B-2	APR79 APR76 WN MODELS SHIPED PRIOR TO 15 MAR 1976.MOD TO STOP LOCKING DEC76 WN MOD TO ADD RESISTOR TO IMPR PERF
5440B	MODULE MAN INTERFACE NOTE MAN CHANGE	MAY76 05440-90011 AUG79 05440-90012* 8L 01 02 02 USE 5440B FICHE 05440-90022 MAY77 05440-90018 MAR80 05440-90019 8L 01 02 01
	MODULE MAN MAN CHANGE	FEB80 05440-90018 NOV79 05440-90021 JAN83 05440-90022 8L 01 02 02 SEP82 05440-90021
5441A	SERV NOTE SET BELOW 5420A-1 5420A-2 5420A-20 CONT'D	OCT79 AUG77 WO SER 1652 & BELOW.MOD TO IMP PERFORMANCE FRONT PANEL BD 05441-60060 AUG77 WO SER 1644 & BELOW.KEYBOARD INFCE PRBLM MAR79 WO SER 1836 & BELOW(5441A); SER 1904 & BELOW(5443A).MOD TO CHANGE LEDS TO PREVENT STIC KEYS.
5 4420 A	MODULE MAN MODULE MAN MAN CHANGE SERV NOTE SET BELOW 54420A-1/54440A-1	NOV76 54420-90013 SEP80 54420-90014* 8L 01 02 02 USE 54420A FICHE 54420-90018 MAY81 54420-90017 DEC84 54420-9001P 8L 01 02 03 SEP84 54420-90017 DEC76 WN MODIFICATION TO IMPROVE PERFORMANCE
54420A-620	INSTAL/OP DEMO NOTE INSTAL/OP DEMO NOTE OPER/SERV NOTE OPER/SERV NOTE	
5443A	SERV NOTE SET BELOW 5420A-3 5420A-20 CONT'D	OCT79 AUG77 WO SER 1644 & BELOW.KEYBOARD INTRFC PROB MAR79 WO SER 1836 & BELOW(5441A); SER 1904 & BELOW(5443A).MOD TO CHANGE LEDS TO PREVENT STIC KEYS.
54440A	MODULE MAN INSTALL & OPER DEMO MODULE MAN MODULE MAN SERV NOTE SET BELOW 54420A-1/54440A-1	AUG75 54440-90001 DEC77 54440-90002* 8L 01 02 02 USE 54440A FICHE 54440-90017 NOV76 54440-90014 APR77 54440-90015 8L 01 02 01 AUG78 54440-90016 JUL80 54440-90017* 8L 01 02 02 USE 54440A FICHE 54440-90019 SEP80 54440-90018 NOV82 54440-90019 8L 01 02 02 USE 54440A FICHE 54440-90019 DEC76 WN MODIFICATION TO IMPROVE PERFORMANCE
54440A-640	OPER/SERV NOTE	JUL76 54440-90012 FEB77 54440-90013 8L 01 02 01
54451C	SERV NOTE SET BELOW	역사 현실 사용 기업 등 보고 있다. 이 전에 발표하는 사용을 가지 않는 것이 되었다. 그런 사용 사용 사용을 받는 것이 되었다. 그는 것이 되었다. 이 생각이 되었다. 그는 것이 없는 것이 없는

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5326C SER 2A00546 TO 5V FSE FRM BLW

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11/08/85 MODEL NUMBER

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59403A

54440A	MODULE MAN INSTALL & OPER DEMO MODULE MAN MODULE MAN SERV NOTE SET BELOW 54420A-1/54440A-1	AUG78 54440-9001 SEP80 54440-9001	14 APR77 54440-9001: 16 JUL80 54440-9001	5 8L 01 02 01 7* 8L 01 02 02 USE 9 8L 01 02 02	54440A FICHE 54440-90017 54440A FICHE 54440-90019	
54440A-640	OPER/SERV NOTE	JUL76 54440-9001				
54451C	SERV NOTE SET BELOW 5420A-18/54451C-02		JUL79 1836 & BELOW.MOD TO IM			
54470A	MODULE MAN	JUN76 54470-9000	02 JUL79 54470-90003	3* 8L 01 02 02 USE	54470A FICHE 54470-90014	
11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PA Date Numbe	R DATE NUMBER	T M P D P L T V G	PAGE	
		*** DESCR	IPTION *** DESCRIPTION	*** DESCRIPTION ***	DESCRIPTION *** DESCRIPTION ***	
54470A	OPER/SERV NOTE MODULE MAN OPER/SERV NOTE	JUL76 54470-9000 0CT79 54470-9001 0CT79 54470-9001	3 OCT83 54470-90014	8L 01 02 03	4470A FICHE 54470-90016	
54470A-670	INSTALL & OPER DEMO	AUG76 54470-9001	O FEB77 54470-90011	8L 01 02 01		
545A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	NOV75 00545-9000 NOV76 00545-9000 MAY83 00545-9000	4 JUL83 00545-90005	2* 8L 01 02 01 USE 5 5 8L 01 02 01	45A FICHE 00545-90005	
5 45 0	SERV NOTE SET BELOW 5450A-1/5451A-1/ 5452A-1	APR72 PREVENT	OCT82 IVE MAINTENANCE & CALIB	PROC		
	5450A-6/5451A-6/ 5452A-6	- MODEL 5	460 DISPLAY PLOTTER I/0			
5450A	and the section in the contract of the contract of the con-		여기 발문을 이 되었다. 사람들은 사이트 기관을 이 일을 보니		医双环基因形成 化氯化钾 医二氯苯酚医甲基酚 化二二二甲基酚亚磺基酚亚	

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54470A	OPER/SERV NOTE Module man Oper/serv note	OCT79	54470-90004 54470-90013 54470-90015	OCT83	54470-90005* 54470-90014 54470-90016	8L	01	02 02 02	03	USE	54470A FICHE 54470-90016
54470A-670	INSTALL & OPER DEMO	AUG76	54470-90010	FEB77	54470-90011	8L	01	02	01		
545A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	NOV76	00545-90001 00545-90004 00545-90004	NOV75 JUL83	00545-90002* 00545-90005	8L 8L	01 01	02 02	01 01	USE	545A FICHE 00545-90005
5450	SERV NOTE SET BELOW 5450A-1/5451A-1/ 5452A-1	APR72	PREVENTIVE	OCT82 MAINTEN	ANCE & CALIB	PRO	C				
	5450A-6/5451A-6/ 5452A-6		MODEL 5460	DISPLAY	PLOTTER I/O						
5450A	SYSTEM SERV MAN SYSTEM OPER MAN MAN CHANGE	SEP70	05450-90030 05450-90029 05450-90029		05450-90033 05450-90034			02 02			
	OPER NOTE OPER NOTE	JAN71	05450-90036 05450-90037		05450-90040 05450-90041		01 01	02	01 01	FOR FOR	MAGNETIC TAPE INTERFACES USE WITH CALCOMP PLOTTERS
5451	REF MAN	APR74	05451-90133	APR85	05451-90134	8L	01	02	03		
5 4 51 - 240	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-290 FICHE 05451-90248
5451-241	OPEN NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-291 FICHE 05451-90248
5451-242	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-292 FICHE 05451-90248
5451-243	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-293 FICHE 05451-90248
5451-244	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-294 FICHE 05451-90248
5451-245	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-295 FICHE 05451-90248
5451-246	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-290 FICHE 05451-90248
5451-247	OPER NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-290 FICHE 05451-90248
5451-290	OPER NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01		
5451-291	OPER NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01		
5451-292	OPER NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01		
5451-293	OPER NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01		(#1612년 - 1812년 1일
5 4 51 - 294	OPER NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01		
5451-295	OPER NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01		
5451-450	OPER MAN	JUN81	05451-90559	OCT82	05451-90560	8L	01	02	02		
5451-451	OPER MAN	JUN81	05451-90559		05451-90560						

11/08/85 MODEL NUMBER	0	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	N	P	D V	P 6					PAGE 248	
5451-451	OPER	MAN	JUN81	05451-90559	00182	05451-90560	8L	01	.02	02						
5451-450	OPER		JUN81	05451-90559	OCT82	05451-90560	8L	01	02	02						
5451-295	OPER	NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01						
5 4 51 - 294	OPER	NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01						
5451-293	OPER	NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01						
5451-292	OPER	NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01						
5451-291	OPER	NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01						
5451-290	OPER	NOTE	JAN75	05451-90247	FEB85	05451-90248	8L	01	02	01						
5 4 51-247	OPER	NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-290	FICHE	05451-90248		
5451-246	OPER	NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-290	FICHE	05451-90248		
5451-245	OPER	NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-295	FICHE	05451-90248		
5451-244	OPER	NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-294	FICHE	05451-90248		
5451-243	OPER	NOTE	JUN74	05451-90170	DEC74	05451-90240*		01	02	01	USE	5451-293	FICHE	05451-90248		
					PEGIT	UJ4J1 JUE4U~		Uí	UŁ	U	USE	7471-676	LTCUE	U2421-7U246	医骨髓 有法事故	

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5451-292 OPER NOTE JAN75 05451-90247 FEB85 05451-90248 8L 01 02 01 5451-293 OPER NOTE FEB85 05451-90248 8L 01 02 01 JAN75 05451-90247 5451-294 OPER NOTE JAN75 05451-90247 FEB85 05451-90248 8L 01 02 01 5451-295 JAN75 05451-90247 OPER NOTE FEB85 05451-90248 8L 01 02 01 5451-450 OPER MAN JUN81 05451-90559 OCT82 05451-90560 8L 01 02 02 5451-451 OPER MAN JUN81 05451-90559 OCT82 05451-90560 8L 01 02 02 60063B 60065A 60066A 60066B

E 233	11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE On *** I	FICHE PART NUMBER DESCRIPTION	L	TV		PAGE 248 IPTION ***
	5451A	SOFTWARE MAN SYSTEM SERV MAN SYSTEM OPER MAN SYSTEM SERV MAN	JAN74 JUN73 MAR73 NOV71	05451-90099 05451-90103 05451-90042 05451-90056 05451-90004 05451-90004	APR74 APR75 JUN75	05451-90104 05451-90160 05451-90289 05451-90300 05451-90359		01 02 01 02 01 02	04 WITH 5465A ADC PLUG-IN UNIT 03 02 WITH 5466A ADC PLUG-IN UNIT 04 WITH 5466A ADC PLUG-IN UNIT 02 WITH 5465A ADC PLUG-IN UNIT	
	5451A OPTS	OPER NOTE	0СТ73	05451-90091	JUL75	05451-90305	8L	01 02	02	
	5451A-074	OPER. NOTE	DEC73	05470-90039	NOV75	05470-90051	8L	01 02	01	
	5451A-080	OPER NOTE	APR73	05471-90042	JUL75	05471-90046	8L	01 02	01	
	5451A-081	OPER NOTE	APR73	05471-90042	JUL75	05471-90046	8L	01 02	01	
	5451A-225	INSTALL/OPER NOTE	OCT72	05451-90031	JUN75	05451-90299		01 02	01	
	5451A-250	INSTAL/OP/SERV NOTE	AUG73	05451-90076	JUN75	05451-90301		01 02	01	
	5451A-251	INSTAL/OP/SERV NOTE	AUG73	05451-90076	JUN75	05451-90301	8L	01 02	01	
	5451A-252	INSTAL/OP/SERV NOTE	AUG73	05451-90076	JUN75	05451-90301	8L	01 02	01	
	5451A/B	5452A-1 5451B-1/5451A-2 CONT*D 5451D-2 5451A/B-3 5451A/B-4 5451A-5/5451B-5 5450A-6/5451A-6/ 5452A-6 5451B-6 5451A-7 5451B-8 5451B-8 5451B-9 5451A-9/5451B-10/ 5466A-2 5451B-11 5451A-10/5451B-12 5451B-13B/5451A-11B 5460A-1/5451B-14 5451B-15 5451B-17 5451B-17 5451B-19/5451C-01	APR74 AUG74 AUG74 SEP74 SEP74 FEB75 APR75 DEC76 JUN75 NOV75 NOV75 MAR76 DEC76 OCT78	WA ALL SER.546 5466A A-TO WN ALL 5451B S NOT AVAILAB NOT AVAILAB NOT AVAILAB WO ALL SER.FIE WO ALL SER.FIE WN ALL SER.FIE WN ALL SER.IMP WN OPER DESCRI WN ALL SER.RES WN ANTI-ALIASI WN EIA TERMINA WO 5460 PLUG-I WN ALL SER.OEM WN INPT/OUTPT WN RECONFIG WI WA SER 1748A &	6A-ADC (-D CONVEYS WITH LE YS WITH LE 1A TO 54 DISPLAY LD PREV LD PREV LD PREV LC R FOURIE P OF 546 TART WIT NG FILTE NS SER E KLAND 81 PRODUCT EXTENDER TH FXL-6 BELOW.	ERTERS MAGNETIC TAP 51B COMPUTER PLOTTER INTE MAINTENANCE MAINTENANCE TH DISC OPTION TH DISC OPTION TH CALIB PRODUCT TH CALIB PRODU	PDT CE DR CON ERFAC PROC PROC ACCU EXER ON EDUR SPLY LTER	TO STO IVE.MO V E R PROB	P INTERMITTENT OPER OF FOUR CHI D TO STOP TAPE DEOPOUTS WITH I/N OCTAVE SOFTWARE OF 5477A SYS CONTROL WHILE RNO	S MODAL ANALS
	5451B			05451-90186		05451-90187*			RIC DISPLAY CHNGE FM NIXIE TO 1 03 USE 5451B FICHE 05451-90472	

11/08/85 MODEL NUMBER 6011A 6012A 60122B 60123A 60123B 60125A 60125B 60126B 60153D 60155C 6023A 6024A 60242B

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5451A-10/5451B-12 MAY75 WN ANTI-ALIASING FILTER CALIB PROCEDURE 54518-138/5451A-118 DEC76 WN EIA TERMINA", INTERFACING 5460A-1/5451B-14 JUN75 WO 5460 PLUG-INS SER BELOW 1426A.DSPLY PROB WITH I/N OCTAVE SOFTWARE 5451B-15 NCV75 WN ALL SER.ROCKLAND 816 PROGRAM FILTER 5451B-16/5451A-12 NOV75 WN ALL SER.OEM PRODUCTS REPAIR MAR76 WN INPT/OUTPT EXTENDER WITH OPT 023 DEC76 WN RECONFIG WITH FXL-GEN SOG TAPES 5451B-17 5451B-18/5470B-2 5451B-19/5451C-01 OCT78 WA SER 1748A & BELOW MOD TO PREVENT INTER OP OF 5477A SYS CONTROL WHILE RNG MODAL ANALS JUL80 WO 5460A DISPLAY UNIT.SER 2020A & ABOVE.NUMERIC DISPLAY CHNGE FM NIXIE TO LED READOUTS 5451B-20 5451B 01 02 03 USE 5451B FICHE 05451-90472 SYSTEM SERV MAN JUL74 05451-90186 JUL75 05451-90187*

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MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	NUMBER	FICHE DATE ON *** I	NUMBER	L	T	٧	G	ON *** DESCRIPTION *** DESCRIPTION ***
451 8	INSTAL/OP/SERV NOTE	Jtil 74			05451-90241					
	GEN PROC	JAN75	05451-90249		05451-90250					
	INSTALL & OPER DEMO									USE 5451B FICHE 05451-90474
	SOFTWARE MAN INSTALL & OPER DEMO		05451-90366 05451-90387		05451-90367 05451-90388*					USE 5451C-402/403 FICHE 05451-90507
			05451-90417					02		
			05451-90430		05451-90431					
	SYSTEM OPER MAN SYSTEM HARDWARE MAN		05451-90458		05451-90461 05451-90468			02		기를 가게 되는 사람들은 아무리를 하는 것이 되었다. 하는데 되었다.
	MAN CHANGE	MAR80	05451-90467							
			05451-90471	DEC79	05451-90472	8L	01	02	03	
	MAN CHANGE INSTALL & OPER DEMO		05451-90471 05451-90473	JUN77	05451-90474	8L	01	02	01	얼굴빛 [일 : 조건] 발간 조건의 문화가 되었다.
	INSTALL NOTE	NOV78	05451-90524		7			11		5451B-TO-5451C CONVERSION
			05451-90524 05451-90080	FEB80	05451-90545	8L	01	02	01	
451B MODAL	OPER & SERV MAN	AUG75	05451-90335	NOV75	05451-90336	8L	01	02	03	
54518 OPTS	OPER NOTE	APR77	05451-90469	APR77	05451-90470	8 L	31	02	D1	
5451B**	OPER & SERV MAN	JAH/5	05451-90228	FE875	05451-90229		01	02	01	**5451B-1/3 OCTAVE ANALYSIS
5451B***	OPER/SOFTWARE NOTE									***5451B/10697B
	INSTAL/OP DEMO NOTE INSTAL/OP/SERV NOTE				05451-90478 05451-90480			02		회사는 시민들은 그릇이 내가 가는 살아서 하고 있다. 그렇다
	THOUNT OF SERA HOLE	VUITT	02421-70417	UCITT	03431-70460	OL	יט	UZ	UI	<u> [일본 기업은 이렇게 하고 함께 되었다.</u>
54518-MADIU	INSTALL/OPER NOTE	JAN77	05451-90455	APR77	05451-90456	8L	01	02	01	
54518-020	INSTAL/OP/SERV NOTE	AUG75	05451-90329	AU675	05451-90330*	8L	01	02	01	USE 5451B/10697B FICHE 05451-90480
54518-021	INSTAL/OP/SERV NOTE	AUG75	05451-90329	AUG75	05451~90330*	8L	01	02	01	USE 5451B/10697B FICHE 05451-90480
5 451 B-022	INSTAL/OP/SERV NOTE	AUG75	05451-90329	AUG75	05451-90330*	8L	01	02	01	USE 5451B/10697B FICHE 05451-90480
5451B-023	INSTAL/OP/SERV NOTE	AUG75	05451-90329	AUG75	05451-90330*	8L	01	02	01	USE -5451B/10697B FICHE 05451-90480
5451B-060	OPER NOTE	NOV76	05451-90450	APR77	05451-90451	8L	01	02	01	보고 함께 보고 있는 이렇게 되어 보면 하면 하는 것이 하는데 이렇게 되었다. 그런 것은 하고 있는데 이렇게 되는데 보고 있는데 보고 있는데 되었다.
5 4 518-061	OPER NOTE	NOV76	05451-90450	APR77	05451-90451	8L	01	02	01	마스트 등 전 시간 시간 사람들은 사용하는 것이 있다. 그는 사용하는 일을 하는 것 하는 사용하는 기계를 하는 것이 되는 것이 없는 것이 있다.
5451B-074	OPER NOTE	DEC73	05470-90038	DEC74	05470-90045		01	02	01	
5 4 518-110	INSTAL/OP/SERV NOTE	AUG75	05451-90319	AUG75	05451-90320	8L	01	02	01	
5451B-157	OPER/SERV NOTE	NOV75	05451-90348	JAN76	05451-90349	8L	01	02	01	
451B-226	INSTALL/OPER MAN	MAY74	05451-90105	FEB85	05451-90234	8L	01	02	01	
5451B-227	INSTALL/OPER NOTE	AUG74	05451-90195	FEB85	05451-90196	8L	01	02	01	
5 45 18-228	INSTALL/OPER NOTE		05451-90195		05451-90196					
	INSTALL/OPER MAN	MAY/4	05451-90105	FE885	05451-90234	۵L	רט	U2	UT	
5451B-250	INSTAL/OP/SERV NOTE	DEC73	05451-90115	FEB85	05451-90236	81	01	02	01	물병을 가장 목가지에게 된 가는 그들을 살았다고 있다면 되었다.

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11/08/85 0 H/C FICHE PART M P D P NUMBER L T V G MODEL LITERATURE H/C PART FICHE NUMBER DATE C TYPE NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

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5451B-157
               OPER/SERV NOTE
                                   NOV75 05451-90348
                                                         JAN76 05451-90349 8L 01 02 01
5451B-226
               INSTALL/OPER MAN
                                                         FEB85 05451-90234 8L 01 02 01
                                   MAY74 05451-90105
5451B-227
               INSTALL/OPER NOTE
                                   AUG74 05451-90195
                                                         FEB85 05451-90196 8L 01 02 01
5451B-228
               INSTALL/OPER NOTE
                                   AUG74 05451-90195
                                                         FEB85 05451-90196 8L 01 02 01
               INSTALL/OPER MAN
                                   MAY74 05451-90105
                                                         FEB85 05451-90234 8L 01 02 01
5451B-250
               INSTAL/OP/SERV NOTE DEC73 05451-90115
                                                         FEB85 05451-90236 8L 01 02 01
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11/08/85 PAGE 250 MODEL 0 LITERATURE H/C H/C PART FICHE PART M P D P FICHE NUMBER C TYPE DATE NUMBER DATE NUMBER LTVG *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 54518-251 INSTAL/OP/SERV NOTE DEC73 05451-90115 FEB85 05451-90236 8L 01 02 01 5451B-252 INSTAL/OP/SERV NOTE DEC73 05451-90115 FEB85 05451-90236 8L 01 02 01 5451B-270 INSTAL/OP DEMO NOTE MAR75 05451-90263 FEB85 05451-90264 8L 01 02 01 OPER/SOFTWARE NOTE MAR77 05451-90465 APR77 05451-90466 8L 01 02 01 5451B-271 INSTAL/OP DEMO NOTE MAR75 05451-90263 FEB85 05451-90264 8L 01 02 01 5451B-272 INSTAL/OP DEMO NOTE MAR75 05451-90263 FEB85 05451-90264 8L 01 02 01 5451B-273 INSTAL/OP DEMO NGTE MAR75 05/51-90263 FEB85 05451-90264 8L 01 02 01 54518-274 INSTAL/OP DENO NOTE MAR75 05451-90263 FEB85 05451-90264 8L 01 02 01 5451B-300 GEN PROC FEB76 05451-90376 DEC76 05451-90377 8L 01 02 01 OPER NOTE AUG76 05451-90432 FEB77 05451-90433 8L 01 02 01 5451B-310 GEN PROC FEB76 05451-90374 DEC76 05451-90375 8L 01 02 01 OPER NOTE AUG76 05451-90432 FEB77 05451-90433 8L 01 02 01 54518-320 GEN PROC FEB76 05451-90378 DEC76 05451-90379 8L 01 02 01 OPER NOTE AUG76 05451-90432 FEB77 05451-90433 8L 01 02 01 5451B-350 OPER MAN JUL76 05451-90401 DEC77 05451-90402 8L 01 02 05 JAN77 05451-90457 MAN SUPP 1 INSTALL & OPER DEMO JUL76 05451-90419 DEC77 05451-90420 8L 01 02 01 SUPP NO 1 JAN77 05451-90459 GEN PROC AUG76 05451-90422 FEB77 05451-90423 8L 01 02 01 SERV MAN JUN77 05451-90475 FEB80 05451-90476 8L 01 02 02 5451B-400 INSTAL/OP DEMO NOTE APR75 05451-90259 APR85 05451-90260 8L 01 02 01 GENERATION PROC MAY75 05451-90302 FEB85 05451-90303 8L 01 02 01 5451B-401 INSTAL/OP DEMO NOTE APR75 05451-90259 APR85 05451-90260 8L 01 02 01 5451B-402 OPER & SERV MAN JAN76 05451-90354 JAN76 05451-90355 8L 01 02 03 SEP76 05451-90438 DISC LOADING PROC FEB77 05451-90439 8L 01 02 01 GEN PROC SEP76 05451-90440 FEB77 05451-90441 8L 01 02 01 5451B-403 DISC LOADING PROC SEP76 05451-90438 FEB77 05451-90439 8L 01 02 01 GEN PROC SEP76 05451-90440 FEB77 05451-90441 8L 01 02 01 5451B-420 OPER & SERV MAN FEB76 05451-90382 FEB80 05451-90383 8L 01 02 03 5451B-450 SOFTWARE MAN OCT74 05451-90201 MAY79 05451-90202 8L 01 02 04 MAN SUPP #1 JUL76 05451-90414 MAN CHANGE APR79 05451-90201 SERV MAN NOV74 05451-90207 NOV77 05451-90208 8L 01 02 02 AUG75 05451-90309 MAN SUPP MAN SUPP #2 JUL76 05451-90415 MAR76 05451-90384 OPER NOTE FE677 05451-90385 8L 01 02 02 MAN SUPP 1 JUN76 05451-90413 INSTALL & OPER DEMO JUL76 05451-90406 FEB77 05451-90407 8L 01 02 01

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AUG76 05451-90428 FEB77 05451-90429 8L 01 02 01

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SALEMUNE LIVIA
                                VUITH UJ431-7UZUI
                                                                   MATTY U2421-YUZUZ OL UT UZ U4
MAN SUPP #1
                                JUL76 05451-90414
MAN CHANGE APR79 05451-90201
SERV MAN NOV74 05451-90207
MAN SUPP AUG75 05451-90309
MAN SUPP #2 JUL76 05451-90415
OPER NOTE MAR76 05451-90384
MAN SUPP 1 JUN76 05451-90406
                                                                   NOV77 05451-90208 8L 01 02 02
                                                                   FE677 05451-90385 8L 01 02 02
                                                                   FEB77 05451-90407 8L 01 02 01
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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	NUMBER	FICHE DATE N ***	NUMBER	L	T	D V CRIP	G	PAGE 251 *** DESCRIPTION *** DESCRIPTION ***
5451B - 450	GEN PROC	AUG76	05451-90428		05451-90429		1.5			
5451B-451	INSTALL & OPER DEMO GEN PROC		05451-90406 05451-90428		05451-90407 05451-90429					
5451B-452	INSTALL & OPER DEMO GEN PROC		05451-90406 05451-90428		05451-90407 05451-90429					
5451B-453	INSTALL & OPER DEMO GEN PROC		05451-90406 05451-90428		05451-90407 05451-90429					
5451B-620	INSTAL/OP DEMO NOTE	SEP75	05451-90337	OCT75	05451-90338*	8L	01	02	01 L	JSE 54420A-620 FICHE 05451-90443
5451B-640	INSTALL & OPER DEMO	NOV76	54440-90014	APR77	54440-90015	8 L	01	02	01	
5451B-670	OPER/SERV NOTE OPER/SERV NOTE		54470-90004 54470-90015	DEC77 MAR80	54470-90005* 54470-90016	8L 8L	01 01	02 02	01 L 01	JSE 54518-670 FICHE 54470-90016
5451B-720	PROGRAMMING GUIDE MAN SUPP #1		05451-90161 05451-90185	FEB85	705451-90162	8L	01	02	02	
	MAN SUPP #2 Instal/op demo note	JUL75	05451-90308		05451-90162 05451-90254			02 02		
54518-730	GENERATION PROC INSTALL & OPER DEMO GEN PROC OPER MAN OPER MAN	AUG76 AUG76 AUG76	05451-90191 05451-90408 05451-90426 05451-90436 05451-90481	FEB77 FEB77 FEB77	05451-90409* 05451-90427	8L 8L 8L	01 01 01	02 02	01 l 01 02 l	JSE 54518-730 FICHE 05451-90427 JSE 54518/106978 FICHE 05451-90478 JSE 54518-730 FICHE 05451-90482
5451B-740	INSTALL & OPER DEMO	AUG76	05451-90424	FEB77	Ū5451-90425	8L	01	02	01	
5451B/5477A	INSTAL/OP/SERV NOTE	NOV76	05451-90448	APR77	05451-90449	8L	01	02	01	
5451C	SYS SERV MAN INSTALL/OPER DEMO OPER & SERV MAN INSTALL/OPER DEMO SYS HARDWARE MAN SYS SOFTWARE MAN MAN CHANGE	MAR78 MAY78 APR78 APR78 SEP78 OCT78 NOV78 AUG84	05451-90489 05451-90493 05451-90495 05451-90497 05451-90502 05451-90515 05451-90517 05451-90519	MAY78 MAY78 JUN78 AUG79 APR81 DEC84	05451-90494* 05451-90496* 05451-90503 05451-90516* 05451-90518* 05451-90520	8L 8L 8L 8L 8L 8L	01 01 01 01 01 01	02 02 02 02 02 02 02	03 L 02 L 01 L 01 C 01 L 04 L	USE 5451 OPT 450-451 FICHE 05451-90560 USE 5451C FICHE 05451-90518 USE 5451C FICHE 05451-90532 USE 5451C FICHE 05451-90516 USARD 05427-60001 OR 05451-60025 USE 5451C FICHE 05451-90544 USE 5451C FICHE 05451-90558
	SYS OPER MAN MAN CHANGE MAN SUPP #1	JAN83	05451-90529 05451-90529 05451-90537	MAR83	05451-90530	8L.	01	02	07	
	POCKET REF GUIDE INSTALL/OPER DEMO CUST SUPPORT HANDBK	JUN80 SEP79 MAY80	#	FEB81	05451-90541*	8L 8L	01 01	02 02	01 L 01 L	USE 5451C FICHE 05451-90566 USE 5451C FICHE 05451-90571 USE 5451C FICHE 05451-90564
	MAN CHANGE SYS HARDWARE MAN	APR81	05451-90548 05451-90557	NOV83	05451-90558	8L	01	02	04	
	MAN CHANGE INSTALL/OPER DEMO SYSTEM SERV MAN MAN CHANGE	JUL81 FEB82	05451-90557 05451-90563 05451-90565 05451-90565		05451-90564 05451-90566					

11/08/85 MODEL PAGE 252 0 LITERATURE FICHE PART M P D P NUMBER L T V G H/C H/C PART FICHE NUMBER C TYPE DATE NUMBER DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 5451C POCKET REF GUIDE OCT82 05451-90570 DEC82 05451-90571 8L 01 02 01 SERV NOTE SET BELOW JAN83 OCT78 WA SER 1748A & BELOW MOD TO PREVENT INTER OP OF 5477A SYS CONTROL WHILE RNG MODAL ANALS 5451B-19/5451C-01

11/08/85 MODEL C NUMBER

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1/08/85 MODEL NUMBER	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTI	FICHE DATE ON ***	NUMBER	L	T	V 6		** DESCRIP	TION *	PAGE 2 ** DESCRIPTION ***	52
5 451C	POCKET REF GUIDE SERV NOTE SET BELOW 5451B-19/5451C-01 5451C-01 5451C-2A 5451C-0 5451C-04 5451C-05 5451C-06 5451C-07	OCT78 JUL80 JUL80 SEP81 JAN82 JAN82 SEP82	WU DAGUA DISPL	JAN83 BELOW. AY UNIT ERS OSC V NOTE BELOW; M CH REGI 40A FIL	MOD TO PREVEN SER 2020A & ILLOSCOPE.SPE INDEX OD TO CHECK R STER CABLE MO TER ADJ PROC	T IN ABOV C BO	TER E.N TTO	OP O JMERI 1 COV	F 54 C DI ER T	SPLAY CHNG D ELIM ELE	E FM N	WHILE RNG MODAL ANA 1472 TO LED READOUT GNETIC INTERFERENCE	\$
5451c-350	INSTAL/OP DEMO NOTE OPER NOTE INSTAL/OP/DEMO NOTE MAN CHANGE OPER NOTE MAN CHANGE	DEC78 APR80 JAN83 APR80	05451-90513	MAR80 MAR83	05451-90512* 05451-90514* 05451-90547 05451-90552	8L 8L	01 (01 ()2 01)2 01	USE	5451c-350 5451c-350	FICHE FICHE	05451-90547 05451-90552	
5451C-402	OPER & SERV MAN INSTAL/OP DEMO NOTE OPER & SERV MAN MAN CHANGE SUPPLEMENT #1 SUPP #1 MAN CHANGE INSTALL/OPER DEMO	MAR78 AUG78 DEC78 APR81 APR79 MAY80	05451-90491	FEB81 AUG84	05451-90492* 05451-90507* 05451-90528	8L 8L	01 01	02 01 02 03	USE	5451C-402 5451C-402	FICHE FICHE	05451-90528 05451-90556	
5451C-403	INSTAL/OP DEMO NOTE INSTALL/OPER DEMO			FEB81 JUN81	05451-90507* 05451-90556	8L 8L	01 (01 ()2 01)2 01	USE	5451C-403	FICHE	05451-90556	
5451C-404	INSTALL/OPER DEMO	MAR81	05451-90555	JUN81	05451-90556	8L	01 (32 01					
5 451 C-450	SOFTWARE MAN INSTALL/OPER DEMO INSTALL/OPER DEMO SOFTWARE MAN	SEP78 JUL81	05451-90500 05451-90509 05451-90561 05451-90567	MAR81 OCT81	05451-90501* 05451-90510* 05451-90562 05451-90568	8L	01 ()2 01)2 01	USE	5451C-450 5451C-450	FICHE FICHE	05451-90568 05451-90562	
5451C~451	INSTALL/OPER DEMO INSTALL/OPER DEMO		05451-90509 05451-90561	MAR81 OCT81	05651-90510* 05451-90562	8L 8L	01 (01 ()2 01)2 01	USE	5451c-451	FICHE	05451-90562	
5452	SERV NOTE SET BELOW 5450A-1/5451A-1/ 5450A-6/5451A-6/	APR72	PREV MAINTE Model 5460	OCT82 Nance & DSPLY P	CALIB PROCED LOTTER INTERF	URE ACE		452A 452A					
5452A	SYSTEM OPER MAN MAN CHANGE	SEP70 NOV70	05450-90030 05450-90029 05450-90029	FEB71	05450-90033 05450-90034)2 03)2 05					
	통제 선명을 받는 그림을 맞을 받는다.		05450-90036		05450-90040					MAGNETIC	TAPE I	NTERFACES	
5453A	OPER & SOFTWARE MAN				05453-90024)2 04					
5453A-100	SUPERVISOR OPER MAN MAN SUPP CHAFTSMAN OPER MAN	MAR75	05453-90025		05453-90016)2 02					
	INSTAL/OP DEMO NOTE	DEC74	05453-90089		05453-90018 05453-90090)2 01)2 01					

6108 61005C 61005E 6101A 6102A 6104A 6105A 6106A 6110A 6111A

11/08/85 MODEL O NUMPIR C		H/C DATE	NU'ABER D	ICHE FICHE PART ATE NUMBER *** DESCRIPTION **		/ G	ESCRIPTION ***	PAGE 25 DESCRIPTION ***	33
54/4	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 546A-1	MAY77 OCT84	00546-90005 A 00546-90005	AN77 00546-90002* .UG85 00546-90006 .UL83 .LOW.MOD TO IMPR PE	8L 01 02	01 USE 546/ 01	A FICHE 00546-90) 006	

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6112A

OPER & SERV MAN MAY76 00546-91001 JAN OPER & SERV MAN MAY77 00546-92005 AUG OCT84 00546-92007 AVG OCT85 OCT8	ON.MOD TO IMPR PERF O1A COMPON CHNG REGRD WHEN CHNG IC A1U1 O77 D5460-90008* 8L 01 D2 D2 USE 5451C FICHE 05451-90558 O78 SELOW 1426A.DSPLY PROB WITH 1/N OCTAVE SOFTWARE ONTR OF ANALOG X-Y PLOTTER PEN LIFT BY MODAL ANALYSIS II SOFTWARE SIER ANALYZER O78
546A-1 546A-2 APR80 WD SER 1732A & BELO 5460A-2 MAY83 WO CONFIGRTN CODE O SERV MAN MAN SUPP #1 SERV NOTE SET BELOW 5460A-1/5451B-14 5460A-2/10697B-1 CONT'D MAY SERV NOTE SET BELOW 5466A-1 5451A-9/5451B-10/ 5466A-2 5466A-2 5466A-2 5466A-2 5466A-3/5466B-1/ 5478B-1 APR80 WD SER 1732A & BELOO MAY83 WO CONFIGRTN CODE O MAY MAY SERV NOTE SET BELOW MAY MAY MAY MAY MAY MAY MAY MAY	MALON TO IMPR PERF DIA COMPON CHNG REGRD WHEN CHNG IC A1U1 177 05460-90008* 8L 01 02 02 USE 5451C FICHE 05451-90558 178 DELOW 1426A.DSPLY PROB WITH 1/N OCTAVE SOFTWARE INTR OF ANALOG X-Y PLOTTER PEN LIFT BY MODAL ANALYSIS II SOFTWARE PIER ANALYZER 178 DC OF 5466A MULTIPLEXR OF HP P/N 05466-60013 INPUT BOARD 175 05468-90303 01 02 01 175 05468-90303 01 02 02 178 00547-90003* 8L 01 02 01 USE 547A FICHE 00547-90007 184 00547-90007 8L 01 02 01
MAN SUPP #1 SERV NOTE SET BELOW 5460A-1/5451B-14 5460A-2/10697B-1 CONT'D MAY 5466A-1 SERV NOTE SET BELOW 5466A-1 SERV NOTE SET BELOW 5466A-1 SERV NOTE SET BELOW 5466A-2 5466A-2 5466A-3/5466B-1/ 5478B-1 468A OPER MAN SUPP #1 MAY75 O5468-90300 JUL MAY75 O5468-90308 SERV MAN MAY75 O5468-90302 JUL MAY75 O5468-90307 47A OPER & SERV MAN MAR75 O5468-90307 A7A OPER & SERV MAN MAR76 OD547-90002 MAR MAN CHANGE OCT83 OD547-90006 MAR MAN CHANGE OCT83 O5470-90027 MAN MAN SUPP MAN MAR73 O5470-90050 MAN SUPP #3 AUG76 O5470-90052 A70A-001 SERV MAN MAR73 O5470-90052 MAN MAN SUPP #3 AUG76 O5470-90052 A70A-001 SERV MAN MAR73 O5470-90052 MAN MAR73 O5470-90052 A70A-001 SERV MAN MAR73 O5470-90052 MAN MAR73 O5470-90052	78 JELOW 1426A.DSPLY PROB WITH 1/N OCTAVE SOFTWARE INTR OF ANALOG X-Y PLOTTER PEN LIFT BY MODAL ANALYSIS II SOFTWARE ITER ANALYZER 778 GC OF 5466A MULTIPLEXR OF HP P/N 05466-60013 INPUT BOARD 75 05468-90301
5460A-1/5451B-14 JUN" HO 5460 LNITS SER B 5460A-2/10697B-1 MAR. WN SER BELOW 1632.C CONT'D IN A 5451B FOUR 466A SERV NOTE SET BELOW MAY 5466A-1 - POT AVAILABLE 5451A-9/5451B-10/ FEB75 WN ALL SER.OPER DES 5466A-2 5466A-2 5466A-3/5466B-1/ NOV76 WN SER 1620A.IDENT 5478B-1 MAY75 05468-90300 JUL SUPP #1 MAY75 05468-90308 SERV MAN APR75 05468-90302 JUL MAN SUPP JANUO 05451-90307 47A OPER & SERV MAN MAR76 00547-90002 JAN OPER & SERV MAN JAN78 00547-90006 MAR MAN CHANGE OCT83 00547-90006 470A SOFTWARE NOTE JUN73 05470-90027 DEC SERV MAN MAR75 05470-90050 MAN SUPP #3 AUG76 05470-90052 470A-001 SERV MAN MAR73 05470-90052	DELOW 1426A.DSPLY PROB WITH 1/N OCTAVE SOFTWARE SHIRT OF ANALOG X-Y PLOTTER PEN LIFT BY MODAL ANALYSIS II SOFTWARE STER ANALYZER 778 100 OF 5466A MULTIPLEXR 179 OF HP P/N 05466-60013 INPUT BOARD 170 O5468-90301 O1 02 01 171 O5468-90303 O1 02 02 172 O5468-90303 O1 02 01 173 O0547-90003* 8L 01 02 01 USE 547A FICHE 00547-90007 174 O0547-90007 8L 01 02 01
54664-1 - POT AVAILABLE 5451A-9/5451B-10/ FEB75 WN ALL SER.OPER DES 5466A-2 5466A-2 5466A-3/5466B-1/ NOV76 WN SER 1620A.IDENT 5478B-1 468A OPER MAN FEB75 05468-90300 JUL SUPP #1 MAY75 05468-90302 JUL MAN SUPP JANOO 05451-90307 47A OPER & SERV MAN MAR76 00547-90002 JAN OPER & SERV MAN JAN78 00547-90006 MAR OPER & SERV MAN JAN78 00547-90006 MAR MAN CHANGE OCT83 00547-90006 470A SOFTWARE NOTE JUN73 05470-90027 DEC SERV MAN MAR73 05470-90024 NOV MAN SUPP MAR75 05470-90050 MAN SUPP MAR75 05470-90052 470A-001 SERV MAN MAR73 05470-90052	C OF 5466A MULTIPLEXR OF HP P/N 05466-60013 INPUT BOARD 75 05468-90301
5466A-3/5466B-1/ NOV76 WN SER 1620A.IDENT 5478B-1 468A OPER MAN FEB75 05468-90300 JUL SUPP #1 MAY75 05468-90308 SERV MAN APR75 05468-90302 JUL MAN SUPP JAN00 05451-90307 47A OPER & SERV MAN MAR76 00547-90002 JAN OPER & SERV MAN JAN78 00547-90006 MAR MAN CHANGE OCT83 00547-90006 470A SOFTWARE NOTE JUN73 05470-90027 DEC SERV MAN MAR73 05470-90024 NOV MAN SUPP MAR75 05470-90050 MAN SUPP MAR75 05470-90052 470A-001 SERV MAN MAR73 05470-90052	.75 05468-90301
SUPP #1	.75 05468-90303
## SUPP JANOO 05451-90307 47A OPER & SERV MAN MAR76 00547-90002 JAN OPER & SERV MAN JAN78 00547-90006 MAR MAN CHANGE OCT83 00547-90006 470A SOFTWARE NOTE JUN73 05470-90027 DEC SERV MAN MAR73 05470-90024 NOV MAN SUPP MAR75 05470-90050 MAN SUPP #3 AUG76 05470-90052 470A-001 SERV MAN MAR73 05470-90024 NOV	178 00547-90003* 8L 01 02 01 USE 547A FICHE 00547-90007 184 00547-90007 8L 01 02 01 175 05470-90028 8L 01 02 02
OPER & SERV MAN JAN78 00547-90006 MAR MAN CHANGE 0CT83 00547-90006 470A SOFTWARE NOTE JUN73 05470-90027 DEC SERV MAN MAR73 05470-90024 NOV MAN SUPP MAR75 05470-90050 MAN SUPP #3 AUG76 05470-90052 470A-001 SERV MAN MAR73 05470-90024 NOV	184 00547-90007 8L 01 02 01 175 05470-90028 8L 01 02 02
SERV MAN MAR73 05470-90024 NOV MAN SUPP MAR75 05470-90050 MAN SUPP #3 AUG76 05470-90052 470A-001 SERV MAN MAR73 05470-90024 NOV	75 05470-90028 8L 01 02 02 77 05470-90046 8L 01 02 02
그런 그런 그는 이번에 그는 그런 그 이렇게 되었다. 그는 그들은 그는 사람이 있게 그리고 있는 이 그를 하면 경우를 가지 못하는 것을 들어야 한 것을 들었다.	다. 그는 사이 경기를 통해 되었다. 그는 사람이 들어가는 사람이 되었다. 그는 사람이 되었다. 그는 사람이 되었다. 그는 사람이 되었다. 발매 소급 () 소급하다 등에 하고 열었다. 이 전 가는 등에 보고 () 하는 것을 받아 보고 ()
MAN SUPP MAR75 05470-90050 MAN SUPP #3 AUG76 05470-90052	77 05470-90046 8L 01 02 02
470A-003 SERV MAN MAR?3 05470-90024 NOV MAN SUPP MAR?5 05470-90050 MAN SUPP #3 AUG?6 05470-90052	77 05470-90046 8L 01 02 02
	185 05470-90045 8L 01 02 01 177 05470-90046 8L 01 02 02
OPER. NOTE DEC73 05470-90039 NOV SERV NOTE SET BELOW MAY	75 05470-90051 8L 01 02 01 78
54708-1 - NOT AVAILABLE 54518-18/54708-2 DEC76 WN RECONFIG WITH FX	L-GENERATED SOG TAPES
	75 05471-90044 8L 01 02 01 75 05471-90045 8L 01 02 02

MAY75 05453-90016

JAN75 05453-90018 JAN75 05453-90090

01 02 02

01 02 01 01 02 01

11/08/85 MODEL NUMBER 6128C 6129B

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5475 SERV NOTE SET BELOW MAY78 OCT71 WN 5450A OR 5452A FOURIER ANALYZER SYSTEM.LUB & ADJ FROC FOR KEYBRD ASSY 5475-1 SERV NOTE SET BELOW 54518-7/5477A-1 5477 MAY78 AUG74 WO ALL SER. FIELD MAINTENANCE PROC

SUPERVISOR OPER MAN DEC74 05453-90015 MAN SUPP MAR75 05453-90025 CHAFTSMAN OPER MAN DEC74 05453-90017 INSTAL/OP DEMO NOTE DEC74 05453-90089

5453A-100

6128C 6130 SERV 6129B

6128C

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MAN SERV 6101

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OPER MAN SERV 6113 6101

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OPER MAN SERV 6114

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6112A

11/08/85 MODEL NUMBER

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6113A

6114A

6115A

6116A

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6128C

5471A SERV MAN	APR72	05471-90007 JUL75	05471-90044	81 01 02 01
SOFTWARE		그는 다시는 성격이 가까까게 가는 것 같아? 하는 경투		
어느 아들, 병자는 아는 그는 아는 하는 사람들이 되었다. 그는 이 선생님은 살림, 참 집안을 위로 했다.	시 그 이 바이 가다. 그렇게 다른 선생님이 모든		しつみじ リーダいいもう	8L 01 02 02
MAN SUPP	MATCA	05471-90043		리듬 중독시 전 - 개인하다.

11/08/85 Model Number	O LITERATURE C TYPE	PAGE 254 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5475	SERV NOTE SET BELOW 5475-1	MAY78 OCT71 WN 5450A OR 5452A FOURIER ANALYZER SYSTEM.LUB & ADJ PROC FOR KEYBRD ASSY
5477	SERV NOTE SET BELOW 54518-7/5477A-1	MAY78 AUG74 WO ALL SER.FIELD MAINTENANCE PROC
5 477 A	SERV MAN SERV MAN SERV MAN	JUN74 05477-90003 MAY75 05477-90004* 01 02 02 USE 5477A FICHE 05477-90009 AUG77 05477-90008 AUG77 05477-90009* 8L 01 02 02 USE 5477A FICHE 05477-90011 APR79 05477-90010 SEP80 05477-90011* 8L 01 02 02 USE 5477A FICHE 05477-90013 NOV80 05477-90012 JAN82 05477-90013* 8L 01 02 02 USE 5477A FICHE 05477-90015 APR82 05477-90014 JUN82 05477-90015 8L 01 02 01
5478A		0C'775
5478B	MAN SUPP 1 SERV NOTE SET BELOW	OCT75 05478-90001
6478C	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUN31 05478-90015 NOV83 05478-90016 8L 01 02 03 JUL83 05478-94015 JUL81 JAN80 SER 1928A00230 & BELOW.MOD TO IMPROVE 5427A SELF CHECK RESULTS
4786	SERV NOTE SET BELOW 5427A-03	APR81 WN ALL SER.ADJ PROC
48A	OPER & SERV MAN	JUN76 00548-90001
5480A	OPER & SERV MAN SERV NOTE SET BELOW 5480A-1A 5480A-2 5480A-3 5480A/B-4	JAN?1 05480-90013 APR?1 05480-90016 01 02 08 MAR?2 05480-90021 JUN?5 05480-90025 8L 01 02 05 MAY?8 JAN?0 WO SER BELOW 928-00176.IMFR A2A12 TIME BASE BOARD MAR?O WN ALL SER.IMPR A3A9.ADDRESS ADDER BOARD - ALL SER.SERV TIPS FOR PLOTTR I/O PROB JAN?4 WN SER BELOW 1248A00231 EXCEPT 1132A00220/221.MOD TO IMPR OSCIL TRACE OCT?2 WN ALL SER.REQUIREMENTS FOR AVERAGING
480B		JAN71 05480-90013 APR71 05480-90016 01 02 08 MAR72 05480-90021 JUN75 05480-90025 8L 01 02 05
481A	MAN CHANGE SOFTWARE MAN	MAY73 05481-90004 FEB80 05481-90011 &L 01 02 02 OCT73 05481-90004 APR73 05481-90005 FEB80 05481-90012 &L 01 02 02 MAY73 05481-90006 FEB80 05481-90013 &L 01 02 01
481A-022	INSTALL/OPER NOTE	APR73 05481-90008 APR81 05481-90010 8L 01 02 01
5488A	SERV NOTE SET BELOW 5488A-1	MAY78 SEP74 WO SER BELOW 948-00054.CORRELATION FORMULA CORRECTION LABEL

11/08/85 MODEL O NUMBER C	LITERATURE TYPE	H/C DATE	NUMBER D/	ICHE ATE		7	6	RIPTION *** DESC	PAGE 255 RIPTION ***	
5500A	OPER & SERV MAN	FEB72	05525-96014 At	UG74	05525-90020 01	02	04			
5500B	OPER & SERV MAN	FE872	05525-90014 AL	U 67 4	05525-90020 01	02	04			
5500C	OPER & SERV MAN OPERATOR HANDBOOK SYSTEM SERV MAN OPERATOR HANDBOOK	SEP72 MAY77	05526-90002 J/ 05526-90035 AL	AN74 UG77		02	02 USE 5526A 04 USE 5526A	FICHE 05526-90036 FICHE 05526-90036 FICHE 05526-90056 FICHE 05526-90056		

11/08/85 MODEL NUMBER 61308 6130B BCD **ፈ1**ኛበሮ

0 6130B-5 6130A-4 6131B-OPER & MAN CHA

012A-

OPER MAN C SERV

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6128C-6128C-6130C

SERV N 61298-61298-61318 P508

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SERV N 61298-61318 P508 61290-61280-61300 61290-61290-

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PRELIM MAN CH SERV N 6130A-6130A-6131B 6933 6130A-6130A-6131B

OPER & MAN CH SERV N 6130A-6933A 6130B-6933B 6130A-6933B 6131B 6933

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11/08/85 MODEL NUMBER

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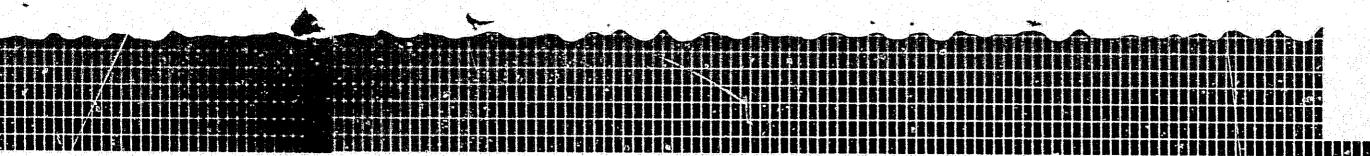
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11/08/85 Model Number	0 LITERATURE C TYPE	H/C DATE	PAGE 255 H/C PART FICHE FICHE PART M P D P NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5500A	OPER & SERV MAN	FEB72	05525-96014 AUG74 05525-90020 01 02 04
500B	OPER & SERV MAN	FEB72	05525-90014 AUG74 05525-90020 01 02 04
5500 c	OPER & SERV MAN OPERATOR HANDBOOK SYSTEM SERV MAN OPERATOR HANDBOOK SERV NOVE SET BELOW 5500C-1 5500C-2/5501A-5	SEP72 MAY77 JUL77 JAN78	05526-90023 JUN75 05526-90026* 01 02 04 USE 5500C FICHE 05526-90036 05526-90002 JAN74 05526-90029* 01 02 02 USE 5526A FICHE 05526-90038 05526-90035 AUG77 05526-90036* 8L 01 02 04 USE 5526A FICHE 05526-90052 05526-90037 AUG77 05526-90038* 8L 01 02 01 USE 5526A FICHE 05526-90050 APR80 WN ALL SER.INTERPRET OF ZERO WARM-UP TIME WN ALL SER.TRBLSHTG SUPP TO OPER & SERV MANS
	5526A-5	JUN79	HO SER BELOW 1920A. REPL OF HI VOLTAGE & PZT POWER SUPPLIES.
55005A	USERS MAN Man Change		55005-90001 MAR85 55005-90002 8L 01 02 03 55005-90001
5 501A	OPER & SERV MAN SYS OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SYS OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 5501A-0 5501A-2 5501A-2 5501A-3 5501A-6 5501A-7 5501A-8 5501A-9	DEC78 MAY79 JAN80 MAY81 MAR85 MAY83 DEC84 NOV81 DEC75 SEP77 JAN78 NOV79 FEB80 JUN80 AUG81	05501-90019 AUG80 05501-90020* 8L 01 02 02 USE 5501A FICHE 05501-90026 05501-90021 AUG82 05501-90022* 8L 01 02 05 USE 5501A FICHE 05501-90029 05501-90025 JUN85 05501-90026 8L 01 02 02 05501-90025
5501A SYS.	OPER & SERV MAN OPER & SERV MAN		05501-90007 APR77 05501-90008* 8L 01 02 04 USE 5501A SYS. FICHE 05501-90014 05501-90013 0CT77 05501-90014* 8L 01 02 04 USE 5501A FICHE 05531-90018
5505A	OPER & SERV MAN OPER & SERV MAN OPERATOR HANDBOOK SYSTEM SERV MAN OPERATOR HANDBOOK SERV NOTE SET BELOW 5526A-1 CONT'D 5505A-1 5505A-2 5505A-3 5505A-4 5505A-6 5505A-7	DEC73 SEP72 MAY77 JUL77 NOV72 DEC73 JAN76	05525-90014 AUG74 05525-90020 01 02 04 05526-90023 JUN75 G5526-90026* 01 02 04 USE 5505. FICHE 05526-90036 05526-90002 JAN74 05526-90029* 01 02 02 USE 5526A FICHE 05526-90038 05526-90035 AUG77 05526-90036* 8L 01 02 04 USE 5526A FICHE 05526-90052 05526-90037 AUG77 05526-90038* 8L 01 02 01 USE 5526A FICHE 05526-90050 JUL80 W0 SER BELOW 1108A.MOD TO STOP DAMG T 0 5500C LAZER HEAD ∩R ANY OLDER LAZER WITH NEW TUBE WHEN USED WITH 5505A LAZR DSPLY W0 SER BELOW 1312.SOLU FOR DECD DIVIDER NOISE PROBLEM NOT AVAILABLE WN SER BELOW 1436A.REPL GF A8 FUNC BRD ASSEMBLY AA SER 01007-01043,45,46,48,49,52 TO 57.REPL OF XFI FUSE HOLDER ALL SER.NOTIF OF NEW SERV KITS SER 1948A ≦ ABOVE.MEASMT CAPABILITIES USING PLANE MIRKOR OPTICS
505A-002	MAN SUPP 5525A/B/6A		있다는 동안 보다 이 회에 이름 동안 경우에 다양했다. 이 이번 경우가 있는 사람들이 아름다면 하게 되었다. 그는 것이 아름다고 있는 사람들이 없는 것은 아름다.

Lat
61308-5/ 6130A-4/ 61318-5
OPER & S MAN CHAN
OPER & S MAN CHAN SERV NOT 61308-5/ 6130C-2 6128C-2/ 6130C-3 6130C-4 6130C-6
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SERV NOT 61308-2/ 69338-2 61308-3/ 69338-3 6130A-2/ 61318-3 69338- 61318-4 61318-5 61318-5 61318-2 95080-
OPER & S MAN CHAN
OPER & S MAN CHAN
OPER & S MAN CHAN SERV NOT 6129B-2/ 6131B-6 P5080- 6131C-2 6131C-3 6131C-4 6131C-5

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1/08/85 Model Number	O LITERATURE C TYPE	PAGE H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
510A	OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR?7 05510-90012 APR?7 05510-90013* 8L 01 02 03 USE 5510A FICHE 05510-90015 SEP?8 05510-90014 MAR81 05510-90015* 8L 01 02 03 USE 5510A FICHE 05510-90017 FEB81 05510-90016 OCT85 05510-90017 8L 01 02 03 MAY85 05510-90016
	SERV NOTE SET BELOW 5510A-1	OCT85 APR85 WM SER 2520A03686.A9 CONTROL BD ASSY IC CHNG
512A	OPER & SERY MAN MAN CHANGE	JUN67 05212-9009 JAN71 05212-90010 01 02 03 0CT70 05212-9009
	SERV NOTE SET BELOW 5212A/5512A 5212A/5512A-2	
512A - 02	OPER & SERV MAN MAN CHANGE	JUN67 05212-9009 JAN71 05212-90010 01 02 03 0CT70 05212-9009
512A-03	OPER & SERV MAN MAN CHANGE	JUN67 05212-9009 JAN71 05212-90010 01 02 03 OCT70 05212-9009
517 A	OPER & SERV MAN MAN CHANGE OPER & SERV MAN	APR84 0551?-90004 OCT85 05517-90005 8L 01 02 02 JUNES 05517-90004 MAY85 05517-90007 OCT85 05517-90008 8L G1 02 02
	MAN CHANGE OPER NOTE	JUL85 05517-90007 NOV83 1079:-90007 FEB84 16791-90008 8L 01 02 01
517A/18A	SERV NOTE SET BELOW 5517A/18A-1 5517A/18A-2 CONT'D	OCT85 APR85 WO ALL SER.REPAIR OF SAMPLE ASSY APR85 WN SER 2502A01011 & ABOVE.NOTICE OF CHNG FROM 5518A LASER TUBE TO 5517A LASER TUBE I 5518A LASER HEADS
518A	OPER NOTE	NOV83 10791-90007 FEB84 10791-90008 8L 01 02 01
52 5- 010	OPER NOTE	JANOO 05525-90005 SEP74 05525-90021 01 02 01
525A	OPER HANDBOOK OPER & SERV MAN	AUG71 05525-90012 APR81 05525-90023 8L 01 02 01 FEB72 05525-90014 AUG74 05525-90020 01 02 04
525A/B	SERV NOTE SET BELOW 5525A-1 5525A-2 5525A/B-3/5526A-4 5525A/B-4	OCT79 - NOT AVAILABLE - NOT AVAILABLE JUN75 WN ALL SER.ELECTRICAL SAFTY CONSIDERATIONS FOR MACHINE TOOLS. MAY75 WA ALL SER.LAZAR TUBE SAFETY.
525B	OPER HANDBOOK OPER & SERV MAN	AUG71 05525-90012 APR81 05525-90023 8L 01 02 01 FEB72 05525-90014 AUG74 05525-90020 01 02 04
526A	OPERATOR HANDBOOK COMPENS FACT HNDBK	DEC73 05526-90023
	SYSTEM SERV MAN OPERATOR HANDBOOK	MAY77 05526-90035 AUG77 05526-90036* 8L 01 02 04 USE 5526A FICHE 05526-90052 JUL77 05526-90037 AUG77 05526-90038* 8L 01 02 01 USE 5526A FICHE 05526-90050 JUN78 05526-90047 MAY79 05526-90048* 8L 01 02 02 USE 10585A FICHE 10585-90004

5525A	OPER HANDBOOK OPER & SERV MAN	AUG71 05525-90012 APR81 05525-90023 8L 01 02 01 FEB72 05525-90014 AUG74 05525-90020 01 02 04
5525A/B	SERV NOTE SET BELOW 5525A-1 5525A-2 5525A/B-3/5526A-4 5525A/B-4	OCT79 - NOT AVAILABLE - NOT AVAILABLE JUN75 WN ALL SER.ELECTRICAL SAFTY CONSIDERATIONS FOR MACHINE TOOLS. MAY75 WA ALL SER.LAZAR TUBE SAFETY.
5525B	OPER HANDBOOK OPER & SERV MAN	AUG71 05525-90012 APR81 05525-90023 8L 01 02 01 FEB72 05525-90014 AUG74 05525-90020 01 02 04
5526A	OPER & SERV MAN OPERATOR HANDBOOK COMPENS FACT HNDBK MAN CHANGE SYSTEM SERV MAN OPERATOR HANDBOOK OPER MAN OPERATORS HANDBOOK	DEC73 05526-90023 SEP72 05526-90002 JAN74 05526-90029* SEP73 05526-90014 AUG81 05526-90014 MAY77 05526-90035 JUL77 05526-90037 JUL77 05526-90037 JUN78 05526-90047 SEP78 05526-90049 JUN75 05526-90026* O1 02 04 USE 5526A FICHE 05526-90038 AL 01 02 01 -90014 & -90068 INCLUDED IN -90033 AUG81 05526-90035 AUG77 05526-90036* 8L 01 02 04 USE 5526A FICHE 05526-90052 JUL77 05526-90037 AUG77 05526-90038* 8L 01 02 01 USE 5526A FICHE 05526-90050 JUN78 05526-90047 NOV80 05526-90050* 8L 01 02 01 USE 5526A FICHE 10585-90004

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11/08/85 Model Number	O LITERATURE C TYPE	PAGE 257 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
5526 A	SYSTEM SERV MAN OPER HANDBOOK SUPP OPER MANDBOOK SUPP USERS GUIDE OPER HANDBOOK OPER HANDBOOK OPER HANDBOOK SUP SYSTEM SERV MAN SERV HANDBOOK SUPP OPER HANDBOOK SUPP SYS MAN SERV NOTE SET BELOW 5526A-1 5526A-2 CONT'D 5526A-3 5526A-4 5526A-4 5526A-6	NOV78 05526-90051 SEP80 05526-90052* 8L 01 02 04 USE 5526A FICHE 05526-90073 JAN80 05526-90058 MAR80 05526-90059 8L 01 02 01 ANGULAR/FLATNESS INTERFER MSMT SYST JAN80 05526-90060 MAR80 05526-90061 8L 01 02 01 SINGLE &/OR DUAL AXIS PLANE MIRROR MSMT JAN80 05526-90062 MAR80 05526-90063 8L 01 02 01 LINEAR INTERFEROMETER MEASUREMENT SYSTS OCT&O 05526-90066 DEC80 05526-90067 8L 01 02 03 DEC80 05526-90068 JAN84 05526-90069 8L 01 02 01 APR81 05526-90070 JUL81 05526-90071* 8L 01 02 01 USE 5526A FICHE 05526-90071 OCT81 05526-90072 NOV81 05526-90073* 8L 01 02 01 USE 5526A FICHE 05526-90071 OCT81 05526-90074 DEC83 05526-90075 8L 01 02 01 MAY82 05526-90074 DEC83 05526-90075 8L 01 02 01 MAY82 05526-90076 JUL82 05526-90077 8L 01 02 01 OCT82 05526-90080 JAN83 05576-90081 8L 01 02 04 JAN82 SEP81 WN ALL SER.SERV NOTE INDEX NOV72 WO 5505A LAZER DSPLY SER BELOW 1108A.MOD TO STOP LAZER TUBE DAMG IN 5505A LAZER DISPLAY SEP73 WO 5500C LAZAR HEAD SER BELOW 1236A.PROC FOR FLD INSTAL OF REPL LAZR TUBE IN 5500C LAZER HEAD FEB74 WN 5500A/B/C LAZER HEAD.ALL SER.LAZER SAFTY REGULATION IN USA JUN75 WN ALL SER.ELECT SAFE CONSOR FOR MACHINE TOOLS AUG78 WO SER 1648A & BELOW.MOD TO ELIM LASER STARTING PROBLEMS. FEB80 WO SER BELOW 1920A.REPL OF HI VOLTAGE & PZT POWER SUPPLIES. AUG81 WN REC CLEANING PROC FOR OPT ACCESSORIES
5526A - 010	OPERATOR HANDBOOK OPT 010 OPER HNDBK OPER HNDBK SUPP	SEP72 05526-90002
5526A-011	OPER HADBK SUPP	NOV72 05526-90008 0CT77 05526-90045 8L 01 02 01
5526 A- 030	OPER HANDBOOK SUPP SERV MAN SUPP	JUL77 05526-90039 MAR80 05526-90040* 8L 01 02 01 USE 5526A FICHE 05526-90077 JUN79 05526-90053 MAR80 05526-90054* 8L 01 02 01 USE 5526A FICHE 05526-90075
5526A-031	CPER HANDBOOK SUPP SERV MAN SUPP	JUL77 05526-90039 MAR80 05526-90040* 8L 01 02 01 USE 5526A FICHE 05526-90077 JUN79 05526-90053 MAR80 05526-90054* 8L 01 02 01 USE 5526A FICHE 05526-90075
5526A-032	OPER HANDBOOK SUPP SERV MAN SUPP	JUL77 05526-9G039 MAR80 05526-90040* 8L 01 02 01 USE 5526A FICHE 05526-90077 JUN79 05526-90053 MAR80 05526-90054* 8L 01 02 01 USE 5526A FICHE 05526-90075
5526A-200	OPER MAN Man Change	FEB74 05526-90027 JUN75 05526-90028 01 02 0: APR75 05526-90027
5526A-210	OPER MAN MAN CHANGE	SEP75 05526-90030 OCT82 05526-90031 BL 01 02 02 DEC75 05526-90030
5528A	USER'S GUIDE SERV MAN MAN CHANGE USER'S GUIDE MAN CHANGE	OCT82 05528-90003 MAY84 05528-90004* 8L 01 02 07 USE 5528A FICHE 05528-90011 OCT83 05528-90005 OCT85 05528-90006 8L 01 02 07 JUN85 05528-90005 APR84 05528-90010 MAR85 05528-90011 8L 01 02 07 AUG84 05528-90010
55286A	USER'S GUIDE	APR83 55288-90006 MAY84 55288-90007* 8L 01 02 02 USE 55286S FICHE 55288-90009
552868	USER'S GUIDE	OCT84 55288-90008 DEC84 55288-90009 8L 01 02 02
55288A	USER'S GUIDE	APR83 55288-90006 MAY84 55288-90007* 8L 01 02 02 USE 55288S FICHE 55288-90009

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5526A-200	OPER MAN MAN CHANGE	FEB74 05526-90027 APR75 05526-90027	JUN75 05526-90028 01 02 0:
5526A-210	OPER MAN Man Change	SEP75 05526-90030 DEC75 05526-90030	OCT82 05526-90031 8L 01 02 02
5528Å	USER'S GUIDE SERV MAN MAN CHANGE	OCT82 05528-90003 OCT83 05528-90005 JUN85 05528-90005	MAY84 05528-90004* 8L 01 02 07 USE 5528A FICHE 05528-90011 0CT85 05528-90006 8L 01 02 07
	USER'S GUIDE MAN CHANGE	APR84 05528-90010 AUG84 05528-90010	MAR85 05528-90011 8L 01 02 07
55286A	USER'S GUIDE	APR83 55288-90006	MAY84 55288-90007* 8L 01 02 02 USE 55286S FICHE 55288-9000
55286\$	USER'S GUIDE	OCT84 55288-90008	DEC84 55288-90009 8L 01 02 02
55288A	USER'S GUIDE	APR83 55288-90006	MAY84 55288-90007* 8L 01 02 02 USE 55288S FICHE 55288-9000

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NUMBER	Č TYPE	DATE	NUMBER *** DESCRIPTION	DATE	NUMBER	L	1	V	G	*** DE:	CRIPTION	*** DE	SCRIPTION ***
5288\$	USER'S GUIDE	OCT84	55288-90008	DEC84	55288-90009	8L	ปี1	02	02				
532A	MAN CHANGE		05232-9006 05232-9006		05232-9007		01	02	05				
	SERV NOTE SET BELOW 5232A/5532A-1A 5232A/5532A-2	JUN66 SEP66			of the second of the first of the second of		8 9C	IN	DECD	DIVIDE			
532A-02	OPER & SERV MAN MAN CHANGE		05232-9006 05232-9006	SEP71	05232-9007		01	02	05				
532A - 03	OPER & SERV MAN MAN CHANGE		05232-9006 05232-9006	SEP71	05232-9007		01	02	G.3				
551A	OPER & SERV MAN MAN CHANGE		05551-9003 05551-9003	NOV72	5951-6257	8L	01	02	01				
	SERV NOTE SET BELOW 5551A-1 5551A-2	APR66	17mi - 11111111111111111111111111111111111	T	F REPL FOR A1	Q1							
551A-01	OPER & SERV MAN MAN CHANGE		05551-9003 05551-9003	NOV72	5951-6257	8L	01	02	01				
552A	TEMP OP & SERV MAN	JAN00	05552-90003	AU681	05552-90004	8L	01	02	01				
554A	OPER & SERV MAN MAN CHANGE		05554-9004 05554-9004	JUL80	05554-9005	8L	01	02	02				
560A	OPER & SERV MAN	NOV70	05560-90018	OCT74	05560-90019		01	02	02				
580A	OPER & SERV MAN Man Change		05580-9010 05580-9010	OCT80	05580-9013	8L	01	02	02				
5808	OPER & SERV MAN MAN CHANGE		05580-9010 05580-9010	OCT80	05580-9013	8L	01	02	02				
582A	OPER & SERV MAN	APR68	05582-9004	APR81	05582-9005	8L	01	02	01				
583A	OPER & SERV MAN	AUG69	05583-9004	APR81	05583-9005	8L	01	02	02				
585A	OPER & JERV MAN Man Change		05585-9004 05585-9004	AUG71	05585~9005		01	02	02				
5590A	OPER & SERV MAN Man Change		05590-90005 05590-90005	APR81	05590-90006	8L	01	02	02				
60 SERIES	SERV MAN	JUL66	00560-9014	APR85	00560-9015	8L	01	02	02				
560A	OPER & SERV MAN		560A-501D 560A-501D	JUN79	560A-907	8L	01	02	02 \$	ERIALS	PREFIXED	026- OR	038-
	MAN CHANGE OPER & SERV MAN MAN CHANGE	FEB65 MAY66	00560-9012 00560-9012		00560-9016	8L	01	02	02				
	SERV NOTE SET BELOW 560A-1B 560A-2D	MAY71 JAN68			PLACEMENTS								

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5583A AUG69 05583-9004 APR81 05583-9005 8L 01 02 02 OPER & SERV MAN MAY68 05585-9004 0CT68 05585-9004 5585A OPER & JERV MAN AUG71 05585-9005 01 02 02 MAN CHANGE OPER & SERV MAN APR69 05590-90005 AUG72 05590-90005 APR81 05590-90006 8L 01 02 02 5590A MAN CHANGE APR85 00560-9015 8L 01 02 02 JUL66 00560-9014 560 SERIES SERV MAN JUL60 560A-501D FEB61 560A-501D FEB65 00560-9012 MAY66 00560-9012 560A OPER & SERV MAN JUN79 560A-907 8L 01 02 02 SERIALS PREFIXED 026- OR 038-MAN CHANGE OPER & SERV MAN MAN CHANGE APR85 00560-9016 8L 01 02 02 SERV NOTE SET BELOW 560A-1B 560A-2D KAY78 MAY71 JAN68 CAM SHAFT PARTS REPLACEMENTS CLUTCH SOLENOID REPL PROCEDURE

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1/08/85 Model Number	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 259 IPTION *™
60A		- SER 120 + DOWN.PAPER ROLLER DETENT MECHANISM REPLACEMENT - SER 170 + DOWN.INSTALL PROC FOR REPL Z12 PRINT CONTROL UNIT - SER 345 + DOWN.FAN KIT STOCK 560A-95L REPL PROCEDURE - SER 495 + DOWN.OILITE BUSHINGS INSTALLATION PROCEDURE - SER 496 + DOWN.MOTOR FUSE INSTALL - PRINT WHEEL + SOLENOID ASSY INSTALL - PAWL MAGNET ASSY REPL PROCEDURE DEC71 PRINT ARM ASSY REP! PROCEDURE AUG71 INSTL OF REPL PRIN: WHEEL ASSEMBLIES - SER BELOW 009-1646.IMPR PERF + GREATER CONV MOD - MAINTENANCE KIT FEB72 PRINTER MECH MAINT SCHEDULE - SER 018-00213 + DOWN.MOD TO INCREASE CLUTCH RELIABILITY JUN67 SER 026-01995 + DOWN.NOISE SUPPRESSORINSTALLATION - SPRING REPL KIT INSTALLATION	
61A/B	SERV NOTE SET BELOW 560A-1B 560A-2D 560A-7 560A-9 560A-1(IB 560A-11B 560A-13C 560A-15A 560A-15A 560A-15 560A-16 560A-17 561B-1 561B-2 561B-3	MAY78 - CAM SHAFT PRTS REPLACEMENT JAN68 CLUTCH SOLENOID ASSY REPLACEMENT - SER 166 + DOWN.MOTOR PROT FUSE INSTAL - PAWL MAGNET ASSY REPL PROCEDURE DEC71 PRINT ARM ASSY REPL PROCOCEDURE AUG71 INSTL OF REPL PRINT WHEEL ASSEMBLIES - MAINTENANCE KIT FEB72 PRINTER MECH MAINT SCHEDULE - SER 387 + DOWN.CLTCH FILTR KIT INSTAL JUN67 SER 387 + DOWN.NOISE SUPRES INSTAL - SPRING REPL KIT INSTALLATION - SER BELOW 267.ELEC + MECH MODIFICATNS - SER 014-00391 + DOWN.PRINT WHEEL GEAR KIT INSTALLATION AUG61 DUAL INPT COUPLER ASSY INSTALLATION	
61B	OPER & SERV MAN 2 OPER & SERV MAN 1 MAN CHANGE	JUN67 00561-9002 AUG70 00561-9003 01 02 01 SERIAL PFXES 038-, 241- & 3 FEB60 561B-501A JUL75 00561-9004 01 02 01 SERIAL PFXES 001- & 016- MAY60 561B-501A	134-
562A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 560A-1B 560A-2D 560A-9 560A-11B 560A-13D 560A-14A 560A-17 562A-1A 562A-2 562A-2	AUG71 00562-9006 OCT79 MAY71 CAM SHAFT PARTS REPLACEMENT JAN68 CLTCH SOLENOID ASSY REPL PROCEDURE - PAWL MAGNET ASSY REPL PROCEDURE AUG71 INSTL OF REPL PRINT WHEEL ASSEMBLIES - MAINTENANCE KIT FEB72 PRINTER MECH MAINTENANCE SCHEDULE - SPRING REPL KIT INSTALLATION - ANALOG 'IR ASSY INSTALLATION APR66 A13Q7 + A13Q15 REC REPLACEMENTS JUL79 WA SAFETY.ALL SER.MOD TO ELIM SHOCK HAZARD INSIDE FRONT PANEL DOOR.	
5636	SERV NOTE SET BELOW 5636-1 5636-2	MAY78 JAN70 WO REC REPL PROC FOR FAN MOTOR JAN70 WO REC PROC FOR CONV FROM 115 VAC TO 230 VAC OPERATION	
565A	OPER & SERV MAN	JUL71 00565-9003 JUL75 00565-9005 01 02 01	

Para Carlo de Carlo	SEKA MAIF SEI REFAM	그는 물 수 된 - Million : E Util (2 번 말님, 살아보는 말이 보고한 말라.) 그리고 있는 것이다. 그는 것이다. 그는 것이다. 그는 것이다.
	560A-1B	MAY71 CAM SHAFT PARTS REPLACEMENT
	560A-2D	JAN68 CLTCH SOLENOID ASSY REPL PROCEDURE
	560A-9	- PAWL MAGNET ASSY REPL PROCEDURE
	560A-11B	AUG71 INSTL OF REPL PRINT WHEEL ASSEMBLIES
	560A-13D	MAINTENANCE KIT
	560A-14A	FEB72 PRINTER MECH MAINTENANCE SCHEDULE
	560A-17	- SPRING REPL KIT INSTALLATION
	562A-1A	- ANALOG TIR ASSY INSTALLATION
	562A-2	APR66 A13Q7 + A13Q15 REC REPLACEMENTS
	562A-2-S	JUL79 WA SAFETY.ALL SER.MOD TO ELIM SHOCK HAZARD INSIDE FRONT PANEL DOOR.
	아트 선생님 기가 가게 그 수 있는데?	[경기대표 그리 화물] 김 생각 요즘 물론 시간 요즘 하면도 하는데 학생에 된 사람들에 가입하다는 유리 그 회사를 다 다 주었습니다.
5636	SERV NOTE SET BELOW	님 생활 한 대는 그리는 그는 아파 ANTS 이 등도를 하고 있는데 하는 사람들이 되었다. 그는 사람들이 되었다. 그는 것이 하는 것 같아 나를 다고 있다. 나를 이번 되었다.
	5636-1	JAN7O WO REC REPL PROC FOR FAN MOTOR
	5636-2	JAN7O WO REC PROC FOR CONV FROM 115 VAC TO 230 VAC OPERATION
		도 있습니다. 프로젝트 전에 보고 있는데, 그런데 되었다. 그런데 그런데 그런데 그런데 그런데 그런데 보고 있습니다. 그런데
565A	OPER & SERV MAN	JUL71 00565-9003 JUL75 00565-9005 01 02 01
	골기를 보는 말리를 보고 하고 있다.	보인데, 그렇지 말했다면서 그는 그는 그는 그리면 아프라면요? 한다면 하는 바람들이 나는 이외 남자 하는 바람이 없어 없어 하는 것은 사람이 되었다.
		클레스 보다 하는 일은 지속된 이번을 하는 이름을 잃으면 하고 있는데요. 그 이번 학교 때문의 목숨으로 한다는 그는 항라를 처음을 잃었다. 그리는

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11/08/85 Model Number	O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART	L	T	V	
65A	SERV NOTE SET BELOW	SEP72 MAY71 JAN68 DEC71 FEB72	CAM SHAFT F CLTCH SOLEN PAWL MAGNET PRINT ARM A MAINTENANCE PRINTER MEC	JUL75 OCT79 PARTS REF IOID ASSY ASSY REP ISSY REP ISSY REP ISSY REP IN MAINTE	OO565-9005 PLACEMENT Y REPL PROCEI EPL PROCEDURE L PROCEDURE ENANCE SCHEDU 3.INSTL OF CU	URE	01	02	01
i70A	OPER & SERV MAN	SEP65	00570-9002	0CT71	00570-9003		01 (02	02
700A	OPER & SERV MAN	DEC66	05700-90000	FEB85	05700-90050	8L	01	11	02
701A	OPER & SERV MAN	DEC66	05700-90000	FEB85	05700-90050	8L	01	11	02
71B	OPER & SERV MAN	MAR68	00571-9003	0CT74	00571-9004		01	02	02
73 1	SERV NOTE SET BELOW 5731-1/5381-2	MAR65	REC ZENER I	APR79					
80A	OPER & SERV MAN	MAR75	00580-9007	APR85	00580-9008	8L	01	02	02
81 A	OPER & SERV MAN	MAR75	00580-9007	APR85	00580-9008	8L	01	02	02
9300-10001	SERV NOTE SET BELOW 59300-1A 59300A-2	JAN81			B TEST TAPES				FOR COUNTER-TYPE PRODUCTS FM HP SACL DIVITED TO THE FORM OF THE PROPURTY OF TH
9300-10002	SERV NOTE SET BELOW 59300A-2D		WN ALL SER.NE	APR83	the contract of the state of the second	R HP8	85A		
59301A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59301A-1 59301A-2 59301A-3	MAR85 FEB76 HAY77	W ALL SER. HP	APR82 NEW HP- -IB VERF	18 VERIF PRO N PGM USING	GRAM 9825	USI	NG	02 9820A OF 9830A DRRECT IMPROPER OUTPUT LEVEL ON J1(1)
59303A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59303A-1 59303A-2	MAR85		JAN81 -IB VERF	N PGM USING	9825,	A		02 BUARANTEE DAC SETTLING TIME SPEC
59304 A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59304A-1	JUL79	59304-90001 59304-90001 WN ALL SER.HP	JAN81	The second secon			02	02
59306A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59306A-1	MAR85	59306-90001 59306-90001	JAN81					02 REMOTE CONTRL WHEN SUBJECT TO MECH SHOCK

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59303A OPER & SERV MAN MAR74 59303-90001 JUN85 59303-90003 8L 01 02 02 MAR85 59303-90001 MAN CHANGE SERV NOTE SET BELOW JAN81 59303A-1 - ALL SER.HP-IB VERFN PGM USING 9825A
OCT80 WA SER 2012A01375 & BELOW.REC IC CHANGE TO GUARANTEE DAG SETTLING TIME SPEC 59303A-2 59304A JAN74 59304-90001 JUL79 59304-90001 OPER & SERV MAN SEP79 59304-90003 8L 01 02 02 MAN CHANGE SERV NOTE SET BELOW APR77 WN ALL SER.HP-IB VERFN PGM USING 9825A 59304A-1 59306A OPER & SERV MAN OCT73 59306-90001 JUN85 59306-90003 8L 01 02 02 MAN CHANGE MAR85 59306-90001 SERV NOTE SET BELOW JAN81 AUG75 WO SER BELOW 1332ADD2DD. MOD TO PREV LOSS OF REMOTE CONTRL WHEN SUBJECT TO MECH SHOCK 59306A-1

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PAGE 246	
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1/08/85 Model Number	O LITERATURE C TYPE	PAGE 261 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
9306A	59306A-5 59306A-6 59306A-7 CONT'D	ALL SER.HP-1B VERIF PROGRAM USING 982*** REPL BY 59306A-4 DEC76 WO SER BELOW 1632A00601.NOISE FILTR ON REN TO PREV NON-PROG DROPPING OUT OF REMOTE FEB77 WN ALL SER.HP-1B VER PGM USING 9825A JUL77 WN ALL SER.PROGRAMMING CODES ASCII A9&B9 AUG77 WA SER 1712A & BELOW.DROPPING OUT OF REMOTE & UNPROGRAMMED RELAY STATE CHANGES NOV79 WO SER 1920A02380 & BELOW.SOLDER WIRES OF A2W1 TO SOLDER LUGS TO PREVENT INTERMITTENT CONNECTION TO REAR TERMINALS OCT80 WA SER 1920A02861 TO 1920A03110.INSTRUCT FOR REPL INCORRECT FRONT PANELS
59307A	OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59307A-1 59307A-2 59307A-3 59307A-4	NOV73 5\307-90001 NOV82 59307-90003* 8L 01 02 02 USE 59307A FICHE 59307-90005 JUN83 59307-90004 JUN85 59307-90005 8L 01 02 03 MAR85 59307-90004 JAN80 AUG75 WO SER BELOW 1332A00180.MOD TO PREV LOSS OF REMOTE CONTRL WHEN SUBJECT TO MECH SHOCK DEC76 WO SER BELOW 1632A00571.NOISE FILTR ON REN TO PREV NON-PROG DROPPING OUT OF REMOTE MAR77 WN ALL SER.HP-IB VERFN PGM USING 9825A SEP77 WA SER BELOW 1644A.MOD TO PREVENT SW FM DROPPING OUT OF REMOTE DUE TO EXCES NOISE SENS
9308A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59308A-1A 59308A-2 59308A-3A 59308A-4	JUN75 59308-90004 NOV83 59308-90005 8L 01 02 02 AUG83 59308-90004 JUL83 MAY83 WN ALL SER.HP-IB VERFN PGM USING 9825A SEP77 WA SER BELOW 1632A.MOD TO PREVENT GEN FM DROPPING OUT OF REMOTE DUE TO EXCES NOISE SENS AUG80 WA SER 1740A00466 THRU 2012A00965.MOD TO CORRECT A1C23 BYPASS CAP INSTALLATION OCT80 WA SER 2012A00990 & BELOW.JUMPER WIRE TO CORRECT INTERMITTENT &/OR INCORRECT HP-IB OPER
9309A	59309A-2 59309A-3 59309A-4 59309A-5 59309A-6A	DEC76 59309-90004 JAN82 JUL75 WO SER BELOW 1428A.MOD TO CORRECT OPERATION AT TURN-ON FEB77 WN ALL SER.PROG THE CLK TO STORE & OUTPT TIME CORRECTLY JUN77 WN ALL SER.HP-IB VERFN PGM USING 9825A NOV79 WO PREF REPL OF HP-IB BDS,P/N 59309-60005 TO PREVENT INTERNAL SHORT NEAR U14 NOV79 WO MOD TO ALLOW USE OF LARGE HP-IB CONN ON AZJZ JAN81 WA SER 1712A01887 TO 1920A02340.JUMPER WIRE MOD TO CORRECT THREOPER STORE OPER OCT81 WA SER 1920A02871 & BELOW.CORR OF HP-IB TALK OPER WHEN USED 18214 37201A HP-IB EXT
9310A	OPER & SERV MAN	JUN75 59310-90007 JUL75 59310-90008 8L 01 02 02
9401A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 59401A-1	MAR77 59401-90002 JUL85 59401-90052 8L 01 09 03 MAR85 59401-90002 OCT85 APR85 WN SER 2512 & ABOVE;1914 & BELOW.SYSTEM II CABINETS INCH/METRIC CONV
59403A	OPER & SERV MAN SERV NOTE SET BELOW 59403A-1 59403A-2 59403A-3 59403A-4 59403A-5 59403A-6A	FEB78 59403-90001 OCT78 59403-90050 &L 01 09 04 INCLUDES REV A & B APR83 APR77 WO SER BELOW 1426A00281.MOD TO IMPR PROTECT OF CCI CIR IN DEDICATED LINE OPERATION SEP77 WA SER BELOW 1426A00431.MOD TO TIGHTEN TIMING RESPONSE TO IFC COMMAND FEB79 WN SER 1426A01120 & BELOW.REC MOD TO IMPR DATA RELIABILITY AUG79 WN ALL SER.SERV HINT TO ISOLATE 12V PWR SUPPLY FAILURE FEB80 WA SER 1426A01320 & BELOW.MOD TO PREVENT INADVERTENT IFC GENERATION JAN83 WA ALL SER.MOD TO IMPROVE INSTR REL
9405A	OPER NOTE	MAY75 59405-90011

	59401A-1	APR85 WN SER 2512 & ABOVE; 1914 & BELOW. SYSTEM II CABINETS INCH/METRIC CONV
59403A	OPER & SERV MAN SERV NOTE SET BELOW	FEB78 59403-90001 0CT78 59403-90050 &L 01 09 04 INCLUDES REV A & B
	59403A-1 59403A-2	APR77 WO SER BELOW 1426A00281.MOD TO IMPR PROTECT OF CCI CIR IN DEDICATED LINE OPERATION SEP77 WA SER BELOW 1426A00431.MOD TO TIGHTEN TIMING RESPONSE TO IFC COMMAND
	59403A-3 59403A-4	FEB79 WN SER 1426A01120 & BELOW.REC MOD TO IMPR DATA RELIABILITY AUG79 WN ALL SER.SERV HINT TO ISOLATE 12V PWR SUPPLY FAILURE
	59403A-5 59403A-6A	FEB80 WA SER 1426A01320 & BELOW.MOD TO PREVENT INADVERTENT IFC GENERATION JAN83 WA ALL SER.MOD TO IMPROVE INSTR REL
59405A	OPER NOTE	MAY75 59405-90011 JUN75 59405-90061* 8L 01 09 01 USE 59405A FICHE 59405-90091 MAY75 59405-90014 JUN75 59405-90064* 8L 01 09 01 USE 59405A FICHE 59405-90091

PAGE 247 (ON ***		O LITERATURE C TYPE	H/C DATE	H/C PART NUMBER *** DESCRIPTION	FICHE DATE V ***	NUMBER	L	1	D P V G IPTION *** DESCRIPTION *** DESCRIPTIO	PAGE 262 N ***
	59405A	PROG & SERV MAN Man Change	DEC74		ост78	59405-90091			9 01 USE 59405A FICHE 59405-90091 9 01	
		59405A-2	MAY75	WN ALL SER-HP-11 WN ALL SER-5940! WO SER 1444A019	5A FAI	CARD LS VERIF PROG		DAT	A RELIABILITY IMPROVEMENT	
	59500A	and a confine at the first and a first term of the confine at the		59500-90001 59500-90001	APR83	59500-90002	8L	01 2	1 02	
		59500A-1		WO SER BELOW 180 WO SER 2133A026	09A007	84. CIRC MOD T			ERF NTERMITTENT HP-IB BUS HANGUP	
	59501A	OPER & SERV MAN	JAN77	59501-90001	FEB85	59501-90002	8L	01 2	.1 02	
	59501B	OPER & SERV MAN	APR83	59501-90004	OCT83	59501-90005	8L	01 2	11 01	
	59600-10002	SERV NOTE SET BELOW			OCT82					
	6\$	OPER & SERV MAN	OCT65	00006-91343	JUN79	00006-91393	8L	01 1	1 02	
	68A	OPER & SERV MAN	OCT65	00006-91343	JUN79	00006-91393	8L	01 1	1 02	
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	60B/D	SERV NOTE SET BELOW 60D-1A 60D-2A 142	FEB75 MAY67 JUL65	RECOMMENDED	REPLAC	VEN ASSEMBLY EMENT DIODES				
	60D/60DM	OPER & SERV MAN		00060-91320		00060-91370		01 1		
	6002A	OPER & SERV MAN MAN CHANGE		06002-90001 06002-90001		06002-90006	6L	01 2	21 02	
		6002A-2	NOV8D MAY85	WO SER BELOW 18 WO SER 1938A038 WO SER 2204A059 WO SER 2520A097	75 & B 26 TO	96.MOD TO IMP BELOW.MOD TO A 2348A08275.MO	SSUR D TO	E OV		ILURE
	60063A	OPER & SERV MAN	DEC68	50063-90101	OCT72	5951-6221	8L	01 2	21 01	
	60063B	OPER & SERV MAN	JUN69	60063-90201	JUN83	60063-90202	8L	01 2	21 01	
	60065A	OPER & SERV MAN Man Change		60065-90001 60065-90001	JUN83	60065-90002	8L	01 2		
	60066A	OPER & SERV MAN	SEP69	60066-90101	JAN83	60066-90102	8L	01 2	21 01	
	60066B	SERV NOTE SET BELOW 60066B-1/60126B-1		WO SER BELOW 00	0CT78	and the first of the second second second	FUSE	SI7		
	6011A	OPER & SERV MAN SERV NOTE SET BELOW	AUG84	06011-90001	JUN85 JUL85	06011-90002	8L	01 2	21 0 2	

60063B	OPER & SERV MAN	JUN69	60063-90201	JUN83	60063-90202	8L 01 21 01
60065A	OPER & SERV MAN MAN CHANGE		60065-90001 60065-90001	JUN83	60065-90002	8L 01 21 01
60066A	OPER & SERV MAN	SEP69	60066-90101	JAN83	60066-90102	8L 01 21 01
60066В	SERV NOTE SET BELOW 60066B-1/60126B-1		WO SER BELOW	0CT78 00150.MOI	TO CORRECT	FUSE SIZE
6011A	OPER & SERV MAN SERV NOTE SET BELOW		06011-90001	JUN85 JUL85	06011-90002	8L 01 21 02

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MODEL NUMBER	O LITERATURE C TYPE	H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	PAGE 26
011A	6011A-1	FEB85 WO SER 2530A00211 & ABOVE.MOD TO INCR REVERSE VOLTG PROT	
012A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG80 06012-90001 FEB83 06012-90003 8L 01 21 02 AUG82 06012-90001 JUL85	
	6012A-1 6012A-2	OCT81 WO SER 1946A00140 & GELOW.CURRENT MONITOR RESISTOR CHANGE TO IMPROVE PERF OCT81 WO SER 2116A00300 & BELOW.NEW FAN INSTALL HARDWARE OCT81 WO SER 2121A00380 & BELOW.MOD TO STABILIZE CONT BD IN PCB EDGE CONNECTOR — WO SER 2204A00770 & BELOW; MOD TO PROTECT +11V BIAS SUPPLY APR83 WO ALL SER.ASSY LEVEL FET REPR PROC FEB85 WO SER 2426A02636 THRU 2426A2891 & 2426A02910.REC METER REPL	
0122B	and the contract of the contra	MAY68 60122-90201 JUN83 60122-90202 8L 01 21 01 DEC74 60122-90201	
0123A	OPER & SERV MAN MAN CHANGE	MAY68 60123-90101 JUN83 60123-90102 &L 01 21 01 SEP71 60123-90101	
.0123B		MAY68 60123-90101 JUN83 60123-90102 8L 01 21 01 SEP71 50123-90101	
0125A	OPER & SERV MAN MAN CHANGE	AUG68 60125-90201 MAR81 60125-90202 8L 01 21 01 GCT73 60125-90201	
0125B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG68 60125-90201 MAR81 60125-90202 8L 01 21 01 0CT73 60125-90201 0CT78	
	60125B-1	FEB70 WO SER BELOW 00350.MOD TO IMPR CROWBAR RELIABILITY	
0126B	OPER & SERV MAN SERV NOTE SET BELOW 60066B-1/60126B-1	APR69 60126-90201 JUN83 60126-90202 8L 01 21 01 0CT78 FEB70 WO SER BELOW 00150.MOD TO CORRECT FUSE SIZE	
0153D	OPER & SERV MAN	JUN69 60153-90402 JUN83 60153-90403 8L 01 21 01	
0155c	OPER & SERV MAN Man Change	SEP68 60155-90301 JUN83 60155-90302 8L 01 21 01 OCT73 60155-90301	
023A	OPER & SERV MAN MAN CHANGE	JAN84 06023-90001 JUN85 06023-90002 8L 01 21 02 AUG84 06023-90001	
024A	OPER & SERV MAN SERV NOTE SET BELOW	JUN80 06024-90001 SEP80 06024-90004 8L 01 21 02	
	6024A-1	JAN85 OCT82 WO SER 2129A01390 & BELOW.MODIF DRIVE CIR FOR NEW PWR FETS A1Q1,Q2 OCT84 WO SER 2332A02990 & BELOW.AMMETER & VOLTMETER REPL	
0242B	the control of the co	0CT68 60242-90201 JUN83 60242-90202 8L 01 21 01 0CT73 60242-90201	
0243A	OPER & SERV MAN Man Change	SEP69 60243-90201 JUN83 60243-90202 8L 01 21 01 SEP71 60243-90201	
0243B		SEP69 60243-90201 JUN83 60243-90202 8L 01 21 01 SEP71 60243-90201	

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11/08/85 MODEL NUMBER PAGE 249 PAGE 264 LITERATURE H/C PART FICHE FICHE PART M P D P

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6024A-2 OCIOS NO SEK SICAMOIDAN & DEFON-WANTE NETAS CIR LOK NEW LAK (SIS WINITAGE) OCT84 WO SER 2332A02990 & BELOW. AMMETER & VOLTMETER REPL 0CT68 60242-90201 0CT73 60242-90201 JUN83 60242-90202 8L 01 21 01 60242B OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SEP69 60243-90201 SEP71 60243-90201 60243A JUN83 60243-90202 8L 01 21 01 SEP69 60243-90201 SEP71 60243-90201 60243B OPER & SERV MAN JUN83 60243-90202 8L 01 21 01 MAN CHANGE

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11/08/85 MODEL NUMBER	O LITERATURE C TYPE	PAGE 264 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
50245B		MAY68 60245-90201 JUN83 60245-90202 8L 01 21 01 DEC74 60245-90201
0246B		JUN68 60246-90201 JUN83 60246-90202 8L 01 21 01 FEB76 60246-90201
031A	SERV NOTE SET BELOW 6031A-1	JUL84 06031-90001
5032 A	MAN CHANGE SERV NOTE SET BELOW	MAY84 06032-90001 AUG85 06032-90002 8L 01 21 04 AUG84 06032-90001 OCT84 AUG84 WO SER 2415A00195 & BELOW.REC A8U8 ROM REPL TO IMPR PERF
5033A	MAN CHANGE SERV NOTE SET BELOW	DEC83 06033-90001
6034A	OPER & SERV MAN SERV NOTE SET BELOW 6034A-1 6034A-3 6034A-4 6034A-5-S 6034A-6 6034A-7	JANOO 06034-90003
5038A	OPER & SERV MAN MAN CHANGE	NOV84 06038-90001 AU685 06038-90002 8L 01 21 04 MAR85 06038-90001
5038L	OPER & SERV MAN Man Change	NOV84 06038-90001 AUG85 06038-90002 8L 01 21 04 MAR85 06038-90001
606A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 606A-1 606A-2B 606A-3 606A-4 606A-5A 606A-5A 606A-7 606A-7 606A-8 606A-9 606A-9 606A/B-10 606A/B-12	MAY71 00606-90013 APR85 00606-90014 8L 01 04 02 SEP74 00606-90013 JAN81 SER BELOW 229.HEADPHONES CIR MOD AUG69 WO SER BELCW 038-01732.REPL OF PERCENT MODULATION OR RMS VOLTS METER DRIVE CABLE ASSY REPLACEMENT APR64 SER BELOW 038-02230.TANK COILS REPL SER BELOW 244-04031.TUNING CAP MOD APR67 SER BELOW 248-04131.METER ACCUR MOD MAR67 WN SER BELOW 417-06031.IMPR SWR + ELIM OF LAMP SELECTION JUL64 ILLUSTR PARTS IDENTIFICATION SEP67 ALL SER.V3 + V4 REC REPLACEMENTS AUG70 606 VIDEO TAPE SERVICE TIPS AUG75 WA SAFETY.SER 1352A13896 THRU 1433A13910.ELIMINATION OF POTENTIAL SHOCK HAZARD SEP80 WO ALL SER.REC REPL FOR MOD & RF OUTPUT METERS

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DRIVE CHOLE ADDI REPLACEMENT
606A-4
                    APR64
                              SER BELOW 038-02230. TANK COILS REPL
606A−5A
                              SER BELOW 244-04031. TUNING CAP MOD
                    APR67
606A-6
                              SER BELOW 248-04131.METER ACCUR MOD
                    MAR67 WN SER BELOW 417-06031. IMPR SWR + ELIM OF LAMP SELECTION
606A-7
8-A606
                    JUL64
                              ILLUSTR PARTS IDENTIFICATION
                              ALL SER. V3 + V4 REC REPLACEMENTS
                    SEP67
606A-9
606A/B-10
                    AUG70
                              606 VIDEO TAPE SERVICE TIPS
                    AUG75 WA SAFETY.SER 1352A13896 THRU 1433A13910.ELIMINATION OF POTENTIAL SHOCK HAZARD
606A-11
                    SEP80 WO ALL SER. REC REPL FOR MOD & RF OUTPUT METERS
606A/B-12
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6068
               OPER & SERV MAN
                                   SEP72 00606-90017
                                                         NOV80 00606-90018 SL 01 04 02
                                   SEP80 00606-90017
               MAN CHANGE
               MAN CHANGE UK
                                   JAN75 00606-90017
               SERV NOTE SET BELOW
                                                          JAN81
               606B-1
                                            NOT AVAILABLE
               606B-2
                                            NOT AVAILABLE
               606B-3
                                            NOT AVAILABLE
               606B-4
                                            NOT AVAILABLE
               606B-5
                                            NOT AVAILABLE
                                            NOT AVAILABLE
               603B-6
                                            NOT AVAILABLE
               606B-7
               606B-8
                                            NOT AVAILABLE
               606B-9
                                            NOT AVAILABLE
                                            606 VIDEO TAPE SERVICE TIPS
               606A/B-10
                                   AUG70
                                   AUG75 WA SAFETY.SER 1401A03959 THRU 1518A04461.SHOCK HAZARD ELIMINATION
               606B-11
                                   JUN76 WA SAFETY.SER 1446U01006 THRU 1446U01025.SHOCK HAZARD ELIMINATION
               606-U-11A-S
               606A/B-12
                                   SEP80 WO SER 1862A & BELOW.REC REPL FOR MOD & RF CUTPUT METERS
608A
               OPER & SERV MAN
                                   JANOO 608A/B-501A
                                                          JUL75 00608-90028
                                                                                01 04 02
               SERV NOTE SET BELOW
                                                          JANES
                                            NOT AVAILABLE
               608A-1
               608A-2A
                                            ATENU ASSY REPL PROC FOR 608A + 608B
                                            ALL SER. OSCIL + AMPLE TURRETS FOR 608A + 608B REPLACEMENT PROCEDURE
               608A-3A
                                   JUL64
               4-4809
                                            NOT AVAILABLE
                                            NOT AVAILABLE
               608A-5
                                             NOT AVAILABLE
               608A-6
                                   JUN69 WO
                                            REPAIR PROCEDURE OF GUTPUT ATENUATORS
               608A-7B
               608A-8
                                             NOT AVAILABLE
               608A-9
                                             NOT AVAILABLE
               608A-10
                                             NOT AVAILABLE
                                   AUG75 HA SAFETY.SER 1352A13896 THRU 1433A13910.SHOCK HAZARD ELIMINATION
               608A-11
608B
               OPER & SERV MAN
                                   JAN00 608A/B-501A
                                                          JUL75 00608-90028
                                                                                01 04 02
                                   JUN73 00608-90036
                                                          JAN85 00608-90037 8L 01 04 02
608C
               OPER & SERV MAN
                                                          JAN80
               SERV NOTE SET BELOW
               608C-2A
                                             SER BELOW 247-04756. HOD FOR REGULATED DC FILAMENT OPERATION
               608C-3/608D-5
                                   MAY64
                                             ILLUSTR PRTS IDENTIFICATION
                                             SER BETWEEN 247-04756 + 548-06809. MOD TO DC FIL SUPPLY TO IMPROVE CIRCUIT PROTECTION
               608C/D/E/F-1A
                                   FE867
               608C/D/E/F-2B
                                   AUG69 WO SER BELOW 822-07365. MODULN OSCIL CIR MOD
                                   APR69 WO SER BELOW 832-07540.R7 + R8 REC REPL
               608C/D/E/F-8
                                   APR69 NO SER BELOW 832-07415.F1 FUSE REC REPL
               608C/D/E/F-9
                                             SER BELOW 1287. PWR MON ASSY REPL
               608D-3A
                                   JUL69
                                   OCT78 WO SER BELOW 2354.REC SILICON RECT CONV
               608D-4B
                                                          MAR72 00608-90032 01 04 02
608D
               OPER & SERV MAN
                                   DEC71 00608-90031
               SERV NOTE SET BELOW
                                                          JAN80
                                             SER BELOW 247-08115.REG DC FILAMT MOD
               608C-2A
                                   MAY64
               608C-3/608D-5
                                             ILLUSTR PRTS IDENTIFICATION
                                             SER BETWEEN 247-08115 + 548-11960.DC FILAMENT SUPPLY MODIFICATION
               608C/D/E/F-1A
                                   FEB67
                                   AUG69 WO SER BELOW 828-12505. MOD TO MODULATION OSCILLATOR CIRCUIT V2
               608C/D/E/F-2B
                                    APR69 WO SER BELOW 828-12556.R7 + R8 REC REPL
               608C/D/E/F-8
                                   APR69 WO SER BELOW 828-12506.F1 FUSE REC REPL
               608C/D/E/F-9
                                             FREQ DRIFT REDUCTION
               608D-1B
               608D-2A
                                             SER 992 + DOWN.5 MMZ CRYST OSCIL DISABLING PROCEDURE
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608D
             608D-3A
                                JUL69 WO SER BELOW 2383.PWR MONITOR ASSY REPL
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SERV NOTE SET BELOW
                                          JAN80
                             SER BELOW 247-08115.REG DC FILAMT MOD
608C-2A
608C-3/608D-5
                    MAY64
                             ILLUSTR PRTS IDENTIFICATION
608C/D/E/F-1A
                    FEB67
                             SER BETWEEN 247-08115 + 548-11960.DC FILAMENT SUPPLY MODIFICATION
                    AUG69 WO SER BELOH 828-12506.MOD TO MODULATION OSCILLATOR CIRCUIT V2
608C/D/E/F-2B
                    APR69 WO SER BELOW 828-12556.R7 + R8 REC REPL
608C/D/E/F-8
608C/D/E/F-9
                    APR69 WO SER BELOW 828-12506.F1 FUSE REC REPL
608D-1B
                             FREQ DRIFT REDUCTION
608D-2A
                             SER 992 + DOWN.5 MAZ CRYST OSCIL DISABLING PROCEDURE
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608D
               608D-3A
                                   JUL69 WO SER BELOW 2383.PWR MONITOR ASSY REPL
               608D-4B
                                   OCT78 WO SER BELOW 4916. REC SILICON RECT CONV
                                   AUG69 WO DIODE CR1 REPLACEMENT
               608D-6B
608E
               OPER & SERV MAN
                                                          NOV80 00608-90025* 8L 01 04 02 USE 608E FIGHE 00608-90047
                                   FEB70 00608-90024
               OPER & SERV MAN
                                   APR81 00608-90046
                                                          MAY82 00608-90047 8L 01 04 02
               MAN CHANGE
                                   APR82 00608-90046
               SERV NOTE SET BELOW
                                                          JAN80
               608E/F-1
                                            SER BELOW 710-00571. TRANSTR Q7 REPL
               608E/F-10
                                   APR69 WA SER BELOW 833-02171.CAP C216 REPL
               608E/F-11
                                   APR69 WO SER BELOW 832-02121.DIODE CR1 REPL
               608E/F-0-11
                                   FEB70 WO SER BELOW U881-00521.DIODE CR-1 REPL
               608E/F-12
                                   SEP69 WO SER BELOW 833-02671.RF LEAKAGE MOD
               608E/F-U-12
                                   FEB70 WO SER BELOW U831-00501.RF LEAKAGE MOD
                                   APR70 WN SER BELOW 983-03671. MOD TO REDUCE AM NOISE SIDEBANDS
               608E/F-13
               608E/F-U-13
                                   AUG70 WN SER BELOW U831-00698.AM NOISE SIDEBND RED MOD
               608E/F-14
                                   JUL70 WN ALL SER. PWR LEVELING PROCEDURE
               608E/F-15
                                   JUL70 WO ALL SER. TRANSTR W11 REPLACEMENT
                                   AUG70 WN ALL SER.608 VIDEO TAPE SERVICE TIPS
               608E/F-16
                                   JUL70 WO SER 833-02670 + DOWN-MOD TO CONNECT PINS + CONNECTORS TO ALC BOARD
               508E/F-17
                                   JAN75 WO 1201A SER 637-00321.AM + FM NOISE MOD
               608E/F-18
               608E/F-U-18
                                   FEB75 HO SER 1451U01310 + DOWN.AM + FM NOISE MODIFICATION
               608E/F-19
                                   NOV75 WO ALL SER. DIODE CR22 REPLACEMENT
               608E/F-20
                                   SEP79 WO 608E: SER 1826A & BELOW; 608F ALL SER. PREFERRED PART REPL FOR SERIES REG TRANS Q1
                                            SER BELOW 510-00225. MOD TO DC FILAMENT SUPPLY TO IMPROVE PROTECTION
               608C/D/E/F-1A
                                   FEB67
                                   AUG69 WO SER BELOW 826-01211. MOD TO MODULATION OSCILLATOR CIRCUIT V2
               608C/D/E/F-2B
                                   APR69 WO SER BELOW 833-01821.R7 + R8 REPL
               608C/D/E/F-8
               608C/D/E/F-9
                                   APR69 WO SER BELOW 826-01321.REPL FOR FUSE F1
608F
               OPER & SERV MAN
                                   FEB70 00608-90024
                                                          NOV80 00608-90025* 8L 01 04 02 USE 608F FICHE 00608-90047
               OPER & SERV MAN
                                   APR81 00608-90046
                                                          MAY82 00608-90047 8L 01 04 02
                                   APR82 00608-90046
               MAN CHANGE
               SERV NOTE SET BELOW
                                                          JAN80
               608E/F-1
                                         WO SER 710-00500 & DOWN.TRANSTH Q7 REPL
               608E/F-10
                                   APR69 WA SER 832-01301 & DOWN.CAP C216 REPL
                                   APR69 WO SER 832-01251 & DOWN.DIGDE CR1 REPL
FEB70 WO SER U831-00306.DIGDE CR1 REPL
               608E/F-11
               608E/F-U-11
               608E/F-12
                                   SEP69 WO SER 832-01501 & DOWN.RF LEAKAGE MOD
               608E/F-U-12
                                   FEB70 WO SER U331-00292 & DOWN.RF LEAKAGE MOD
               608E/F-13
                                   APR70 WN SER 977-01776 & DOWN.AM NOISE MOD
               608E/F-U-13
                                   AUG70 WN SER U831-00375 & DOWN.AM NOISE MOD
               608E/F-14
                                   JUL70 WN ALL SER. POWR LEVELING PROCEDURE
               608E/F-15
                                   JUL70 WO ALL SER. TRANSTR Q11 REPLACEMENT
                                   AUG70 WN ALL SER.608 VIDEO TAPE SERVICE TIPS
               608E/F-16
                                   JUL70 WO SER 832-01500 & DOWN.ALC BOARD MOD
               608E/F-17
               608E/F-18
                                   JAN75 NO SER 610 THRU 1221A.AM & FM MOD
               608E/F-U-18
                                   FEB75 WO SER 1203U00475 & DOWN.AM & FM MOD
               608E/F-19
                                   NOV75 WO ALL SER. DIODE CR22 REPLACEMENT
               608E/F-20
                                   SEP79 WO 608E: SER 1826A & BELCW: 608F ALL
                                                                             SER. PREFERRED PART REPL FOR SERIES REG TRANS Q1
               608C/D/E/F-TA
                                   FEB67
                                            608E/F SER 610-00225 DOWN.FILAMENT SUPPLY MODIFICATION
                                   AUG69 NO SER 827-00951 & DOWN.CIR V2 MOD
               608C/D/E/F-2B
                                   APR69 WO SER 832-01151 & DOWN.R7 & R8 REC REPL
               608C/D/E/F-8
                                   APR69 WO SER 832-01001 & DOWN.F1 FUSE REC REPL
               608C/D/E/F-9
610A
               OPER & SERV MAN
                                   AUG62 610A-900
                                                          MAR75 5080-5707
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610B
             OPER & SERV MAN
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PAGE 257 11/08/85 0 LITERATURE H/C H/C PART FICHE PART M P MODEL FICHE LTV NUMBER NUMBER TYPE NUMBER DATE C DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** 6108 OPER & SERV MAN AUG62 610A-900 MAR75 5080-5707 01 04 01 61005C OPER & SERV MAN APR76 5950-1774 DEC78 5950-1830 8L 01 21 02 MAN CHANGE APR78 5950-1774 JAN82 5950-1865 61005E OPER & SERV MAN APR83 5950-1866 8L 01 21 01 NOV82 5950-1865 MAN CHANGE 6101A OPER & SERV MAN NOV66 06101-90001 SEP82 05101-90002 8L 01 21 01 MAN CHANGE NOV76 D6101-90001 SERV NOTE SET BELOW APR79 6101A-1/6102A-1/ 6101A SER BELOW 600.MOD TO IMPR REL 6106A-1/6111A-1/ 61124-1/61134-2/ 6116A-1 6102A NOV66 06102-90001 JUN83 06102-90002 8L 01 21 01 OPER & SERV MAN MAN CHANGE NOV76 06102-90001 APR79 SERV NOTE SET BELOW 6102A SER BELOW 230.MOD TO IMPR REL 6101A-1/6102A-1/ MAR65 6106A-1/6111A-1/ 6112A-1/6113A-2/ 6116A-1 OPER & SERV MAN JUN72 5950-5976 6104A APR83 5950-1945 8L 01 21 02 M/N CHANGE NOV81 5950-5976 6105A JUN72 5950-5976 APR83 5950-1945 OPER & SERV MAN 8L 01 21 02 NOV81 5950-5976 MAN CHANGE 6106A OPER & SERV MAN NOV66 06106-90001 APR84 06106-90002 8L 01 21 01 MAN CHANGE NOV71 06106-90001 SERV NOTE SET BELOW APR79 6106A SER BELOW 695.MOD TO IMPR REL 6101A-1/6102A-1/ MAR65 6106A-1/6111A-1/ 6112A-1/6113A-2/ 6116A-1 OPER & SERV MAN MAY67 06110-90001 SEP84 06110-90002 8L 01 21 01 6110A MAN CHANGE FEB31 06110-90001 SERV NOTE SET BELOW APR79 MAY69 WO 6110A SER BELOW 00512;6516A SER BELOW 810.MOD TO IMPR 50 HZ OPERATION 6110A-1/6516-1 OCT78 WO SER 1815A01507 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. 6110A-2 FEB83 06111-90002 8L 01 21 01 6111A CPER & SERV MAN NOV66 06111-90001 MAN CHANGE OCT81 06111-90001 SERV NOTE SET BELOW 6111A SER BELOW 656. MOD TO IMPR REL 6101A-1/6102A-1/ MAR65 6106A-1/6111A-1/ 6112A-1/6113A-2/ 6116A-1 6111A-2 OCT78 WO SER 1606A02096 & BELOW-REC MOD TO REPLACE ZENER DIODE 1902-0763. 6112A OPER & SERV MAN NOV66 06112-90001 JUL84 06112-90002 8L 01 21 02

PAGE 268 11/08/85 MODEL 0 LITERATURE H/C H/C PART FICHE FICHE PART M P NUMBER L T V G NUMBER C TYPE NUMBER DATE DATE *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** JUL81 06112-90001 6112A MAN CHANGE JUL84 06112-90002 8L 01 21 02 SERV NOTE SET BELOW APR79 6112A SER BELOW 849.MOD TO IMPR REL 6101A-1/6102A-1/ MAR65 6106A-1/6111A-1/

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6112A
               MAN CHANGE
                                   JUL81 06112-90001
                                                         JUL&4 06112-90002 8L 01 21 02
               SERV NOTE SET BELOW
                                                         APR79
                                            6112A SER BELOW 849.MOD TO IMPR REL
               6101A-1/6102A-1/
                                   MAR65
                6106A-1/6111A-1/
                 6112A-1/6113A-2/
                  6116A-1
               6112A-2
                                   UCT78 WO SER 1634A01849 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.
6113A
               OPER & SERV MAN
                                   NOV66 06113-90001
                                                         FEB83 06113-90002 8L 01 21 01
               MAN CHANGE
                                   OCT81 D6113-90001
               SERV NOTE SET BELOW
                                                          APR79
                                   MAY69 WO SER BELOW 00245. MOD TO STOP HI FREQ OSCILLATION
               6113A-1
                                            6113A BELOW 325.MOD TO IMPR REL
                                   MAR65
               6101A-1/6102A-1/
                6106A-1/6111A-1/
                 6112A-1/6113A-2/
                  6116A-1
               6113A-3
                                   OCT78 WO SER 1617A01250 & BELOW REC MOD TO REPLACE ZENER DIODE 1902-0763.
6114A
               OPER & SERV MAN
                                   JUN72 5950-5976
                                                         APR83 5950-1945
                                                                            8L 01 21 02
               MAN CHANGE
                                   NOV81 5950-5976
               SERV NOTE SET BELOW
                                                         OCT81
                                   AUG81 WO SER 1928A02290 & BELOW.PREF REPL FOR THE THUMBWHEEL ASSY
               6114A-1
6115A
               OPER & SERV MAN
                                   JUN72 5950-5976
                                                         APR85 5950-1945
                                                                             8L 01 21 02
                                   NOV81 5950-5976
               MAN CHANGE
               SERV NOTE SET BELOW
                                                          01.781
                                   AUG81 WO SER 1937A0100C & BELOW PREF REPL FOR THE THUMBWHEEL ASSY
               6115A-1
6116A
               OPER & SERV MAN
                                   NOV66 06116-90001
                                                          FEB83 06116-90002 8L 01 21 01
                                                          APR79
               SERV NOTE SET BELOW
               6101A-1/6102A-1/
                                   MAR65
                                            6116A SER BELOW 725 MOD TO IMPR REL
                6100A-1/6111A-1/
                 6112A-1/6113A-2/
                  6116A-1
                                   OCT78 WO SER 1741A01825 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.
               6116A-2
612A
               OPER & SERV MAN
                                   AUG71 00612-90003
                                                          JAN82 00612-90004 8L 01 04 02
                                   NOV81 00612-90003
               MAN CHANGE
               SERV NOTE SET BELOW
                                                          APR81
                                   APR54
                                             CHECKING MODULN METER CALIBRATION
               612A-1
                                            SER 328 & DOWN.RELAY INSTAL PROCEDURE
               612A-2
               612A-3
                                             SER 328 THRU 835. HEATER SUPPLY MOD
                                   DEC69 WO OUTPUT ATTEN REPL PROC
               612A-4
                                             SER 329 THRU 299-01815.RECT REPL
               612A-5B
                                   MAR65
                                   SEP69 WO SER 446-04467 & DOWN.MOD TO IMPROVE MODULATOR LOW FREQUENCY RESPONSE
               612A-6
                                            SER 533-04417 & DOWN.TURNON SURGE MOD
               612A-7B
                                   OCT65
                                   APR69 WO SER 601-05133 & DOWN.MOD TO PROTECT R95 + R97 INSIDE RF TUNING ASSEMBLY
               612A-8A
                                   DEC69 WO SER 712-05783 & DOWN.CR21 PREFER REPL
               612A-9
                                   APR69 WO SER 352-03615 & DOWN.DC FILAMENT MOD
               612A-10
                                   SEP79 WO SER 1826A & BELOW. PREFERRED PART REPL FOR SERIES REG TRANS Q1
               612A-11
                                   JAN81 WN SER 1914A & BELOW MOD FOR IMPROVED EXT MOD FREQ ACCURACY
               612A-12A
                                   JAN74 06128-90002
                                                          JAN85 06128-90004 6L 01 21 03
6128C
               OPER & SERV MAN
                                   JAN82 06128-90002
               MAN CHANGE
               SERV NOTE SET BELOW
                                                          APR81
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                                       *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
                                 OCT78 WO SER 1621A00150 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.
6128C
              6128C-1
              6128C-2/6129C-3/
                                 DCT80 WO SER 1925A00257 & BELOW MOD TO IMPROVE STABILITY
              6130c-3/6131c-2
6129B
              SERV NOTE SET BELOW
                                                      APR81
                                 JUN72 WO ALL SER. IMPR AZ BUFFER RELIABILITY
              6129B-1
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HE WAS IN BUILDING ON CATICAL BY THE BUILDING	1 WN SER 1914A & BELOW. MOD FOR IMPROVED EXT MOD FREQ ACCURACY
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6128C OPER & SERV MAN JAN7	4 06128-90002 JAN85 06128-90004 &L 01 21 03
MAN CHANGE JANS	2 06128-90002
SERV NOTE SET BELOW	다른 하는 경험을 가는 있다. APR81 등 등 등을 들을 보고 있는 그리는 이 등을 받을 것 같습니다.

1/08/85 MODEL NUMBER	O LITERATURE TYPE	PAGE 269 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G
		*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
128C		OCT78 WO SER 1621A00150 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. OCT80 WO SER 1925A00257 & BELOW.MOD TO IMPROVE STABILITY
1298	SERV NOTE SET BELOW 61298-1 61298-2/61290-1/ 61318-6/61310-1/ P5080-1907	APR81 JUN72 WO ALL SER.IMPR AZ BUFFER RELIABILITY JAN78 WO ALL SER.MOD KIT FOR OUTPUT TRANS REPL
1299 BCD	OPER & SERV MAN Man Change	SEP71 06129-90002 0CT74 06129-90004 01 21 03 JUN72 06129-90002
5129B BIN	OPER & SERV MAN Man Change	AUG71 06129-90001 JUN75 06129-90003 8L 01 21 03 JUN72 06129-90001
5129c	SERV NOTE SET BELOW 61298-2/61290-1/ 61318-6/61310-1/ P5080-1907	APR83 JAN78 WO SER BELOW 1637A00303.MOD KIT FOR OUTPUT TRANS REPL
	61290-2 61280-2/61290-3/ 61300-3/61310-2	OCT78 WO SER 1739A00366 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. OCT80 WO SER 1834A00474 & BELOW.MOD TO IMPROVE STABILITY
	6129C-4 6129C-5	JUN81 WO SER 1943A00658 & BELOW.MOD TO CORRECT OUTPUT AMP (A7) OSC NOV82 WN SER 2226A00760 & BELOW.ALL J20, J99, P05, 061, 062, 063&064 OPT.MOD TO SIMPLIFY CALIB
5129C BCD	OPER & SERV MAN	NOV73 06129-90006 FEB85 06129-90008 8L 01 21 03
129C BIN	OPER & SERV MAN	OCT73 06129-90005 FEB85 06129-90007 8L 01 21 03
5130A	PRELIM OP & SRV MAN Man Change Serv Note Set Below	AUG68 06130-90001
	6130A-1/6130B-1/	AUG69 WO MOD TO CORREC ERRATIC OPER AT LO LINE VOLTAGES
	6933A-1 6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933A-4	FEB71 NN MOD TO PROV "POSITIVE ZERO" ADJ
	6130A-3 6130A-4/6130B-6/ 6131B-5	JUN72 WO ALL SER.IMPR A2 BUFFER RELIABILITY OCT73 WO MOD TO ELIM NOISE ON DV3 PROGRAM LINES.SUPER 6130-1/6131-1
6130B	OPER & SERV MAN MAN CHANGE	FEB70 06130-90003 AUG81 5950-1888 8L 01 21 03 BINARY LOGIC JAN73 06130-90003 APR81
	SERV NOTE SET BELOW 6130A-1/6130B-1/	AUG69 No OD TO CORREC ERRATIC OPER AT LOW LINE VOLTAGES
	6933A-1 6130B-2/6131B-1/ 6933B-2	JUL70 WN 61308 SER BELOW 480;61318 SER BELOW 125;69338 SER BELOW 160;MOD TO IMPR TEMPERATURE COEFFICIENT & PWR SUPY RELIABILITY
	6130B-3/6131B-2/ 6933B-3	OCT70 WN 6130B SER BELOW 500;6131B SER BELOW 170;6933B SER BELOW 180.MOD OF GATE PULSE GEN
	6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	FEB71 WN MOD TO PROVIDE EASIER "POSITIVE ZERO" ADJUSTMENT
	6130B-5	JUN72 WO ALL SER.IMPR AZ BUFFER RELIABILITY

11/03/85 Model Number	O LITERATURE C TYPE	PAGE 270 H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***	
6130B	61308-5/6130C-1 6130A-4/6130B-6/ 6131B-5	JAN78 WO ALL SER.MOD TO REDUCE OUTPUT IN CURRENT LATCH OCT73 WO MOD TO ELIM WOISE ON DVS PROGRAM LINES.SUPER 6130-1/6131-1	
6130B BCD	OPER & SERV MAN MAN CHANGE	DEC69 06130-90002 APR74 06130-90008 8L 01 21 03 JAN73 06130-90002	

1/08/85 Model Nulæer	O LITERATURE C TYPE	PAGE H/C H/C PART FICHE FICHE PART M P D P DATE NUMBER DATE NUMBER L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
1308	61308-5/6130C-1 6130A-4/6130B-6/ 6131B-5	JAN78 WO ALL SER.MOD TO REDUCE OUTPUT IN CURRENT LATCH OCT73 WO MOD TO ELIM NOISE ON DVS PROGRAM LINES.SUPER 6130-1/6131-1
1308 BCD	OPER & SERV MAN Man Change	DEC69 06130-90002 APR74 06130-90008 8L 01 2% 03 JAN73 06130-90002
130c	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 61308-5/6130C-1	DEC73 06130-90005 FEB83 06130-90007 8L 01 21 02 0CT82 06130-90005 APR83 JAN78 WO SER BELOW 1713A00795.MOD TO REDUCE OUTPUT IN CURRENT LATCH
	6130C-2 6128C-2/6129C-3/ 6130C-3/6131C-2	OCT78 WO SER 1821A01045 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. OCT80 WO SER 1852A01370 & BELOW.MOD TO IMPROVE STABILITY
	6130c-4 6130c-5 6130c-6	JUL81 WC SER 1949A01670 & BELOW.MOD TO CORRECT OUTPUT AMP (A7) OSC SEP82 WN SER 2229A01916 & BELOW.MOD TO PREV OSCIL UNDER VARYING A.C.INPUT CONDITIONS NOV82 WN SER 2231A01950 & BELOW.ALL J20, J99, P05, O61, D62, O63& O64 OPT. MOD TO SIMPLIFY CALIB
130C BCD	INTER NOTE	FEB78 5950-1920 APR83 5950-1922 8L 01 21 01
130C BIN	OPER & SERV MAN	OCT73 06130-90004 FEB85 06130-90006 8L 01 21 03
I 31B	SERV NOTE SET BELOW 61308-2/61318-1/ 69338-2	APR81 JUN7O WN SER BELOW 125.MOD TO IMPR TEMP COEFFICIENT & PWR SUPLY RELIABILITY
		OCT70 WN SER BELOW 170.MOD OF GATE PULSE GEN FOR ONLY ONE INITIAL STATE
	6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	FEB71 WN MOD TO PROV EASY "POSITIVE ZEPO" ADJ
	61318-4 6130A-4/61308-6/ 61318-5	JUN72 WO ALL SER.IMPR BUFFER RELIABILITY OCT73 WO MOD TO ELIN NOISE ON DVS PROGRAM LINES.SUPER 6130-1/6131-1
	61298-2/6129c-1/ 61318-2/6131c-1/ P5080-1907	JAN78 WO ALL SER. MOD KIT FOR OUTPUT TRANS REPL
131B BCD	OPER & SERV MAN Man Change	JUN70 06131-90001 APR72 06131-90003 01 21 03 FEB72 06131-90001
1318 BIN	OPER & SERV MAN Man Change	MAY70 06131-90002 0CT74 06131-90008 01 21 03 FEB72 G6131-90002
131¢	OPER & SERV MAN MAN CHANGE	JAN74 06131-90005 FEB83 06131-90007 8L 01 21 02 0CT82 06131-90005
	SERV NOTE SET BELOW 6129B-2/6129C-1/ 6131B-6/6131C-1/ P5080-1907	JAN78 WO SER BELOW 1716A00535.MOD KIT FOR OUTPUT TRANS REPL
	6131c-2 6131c-3 6131c-4	OCT78 WO SER 1825A00680 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. DEC80 WO SER 1934A00920 & BELOW.MOD TO AVOID OSC IN BIAS SUPPLIES JUL81 WO SER 2114A01160 & BELOW.MOD TO CORRECT OUTPUT AMP (A7) OSC NOV82 WN SER 2225A01320 & BELOW.ALL J20,J99,P05,061,062,063&064 OPT.MOD TO SIMPLIFY CALIB
131C BCD	INTER NOTE	JAN78 5950-1919 APR83 5950-1921 8L 01 21 01